

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015442.D
 Acq On : 06 Sep 2023 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/07/2023
 Supervised By :Semsettin Yesilyurt 09/07/2023

Quant Time: Sep 06 16:26:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	195398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100647	48.050	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.100%		
35) Dibromofluoromethane	7.710	113	93505	48.892	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.780%		
50) Toluene-d8	10.179	98	322036	46.498	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.000%		
62) 4-Bromofluorobenzene	12.477	95	123420	48.003	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	74085	43.617	ug/l	99
3) Chloromethane	2.113	50	105776	46.892	ug/l	97
4) Vinyl Chloride	2.247	62	119560	45.537	ug/l	98
5) Bromomethane	2.637	94	94652	50.665	ug/l	100
6) Chloroethane	2.784	64	82289	47.682	ug/l	95
7) Trichlorofluoromethane	3.113	101	167832	45.190	ug/l	99
8) Diethyl Ether	3.521	74	62724	49.419	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	91557	44.479	ug/l	97
10) Methyl Iodide	4.082	142	123529	51.102	ug/l	97
11) Tert butyl alcohol	4.948	59	94097	197.819	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	90757	46.724	ug/l	95
13) Acrolein	3.723	56	135592	233.799	ug/l	98
14) Allyl chloride	4.466	41	154845	50.070	ug/l	97
15) Acrylonitrile	5.149	53	193172	241.867	ug/l	98
16) Acetone	3.942	43	208434	238.403	ug/l	93
17) Carbon Disulfide	4.186	76	269431	46.398	ug/l	97
18) Methyl Acetate	4.466	43	155605	49.138	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	315708	50.009	ug/l	99
20) Methylene Chloride	4.704	84	121512	42.082	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	108749	48.620	ug/l	96
22) Diisopropyl ether	6.112	45	341742	50.526	ug/l	91
23) Vinyl Acetate	6.051	43	1047480	245.283	ug/l	96
24) 1,1-Dichloroethane	6.009	63	193374	49.457	ug/l	98
25) 2-Butanone	6.978	43	296943	239.464	ug/l	97
26) 2,2-Dichloropropane	6.972	77	174880	52.660	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	127847	50.385	ug/l	96
28) Bromochloromethane	7.326	49	57128	47.646	ug/l	93
29) Tetrahydrofuran	7.338	42	186074	238.951	ug/l	93
30) Chloroform	7.502	83	205726	50.052	ug/l	96
31) Cyclohexane	7.777	56	159862	42.965	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	180002	49.030	ug/l	99
36) 1,1-Dichloropropene	7.911	75	150685	44.873	ug/l	98
37) Ethyl Acetate	7.069	43	119125	45.996	ug/l	96
38) Carbon Tetrachloride	7.893	117	160942	46.404	ug/l	99
39) Methylcyclohexane	9.179	83	183423	43.387	ug/l	93
40) Benzene	8.155	78	446404	47.647	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	57574m	47.405	ug/l	
42) 1,2-Dichloroethane	8.234	62	144797	46.348	ug/l	95
43) Isopropyl Acetate	8.271	43	208432	46.540	ug/l	97
44) Trichloroethene	8.935	130	125624	47.391	ug/l	95
45) 1,2-Dichloropropane	9.209	63	112827	47.771	ug/l	97
46) Dibromomethane	9.301	93	73035	46.553	ug/l	96
47) Bromodichloromethane	9.490	83	162094	48.313	ug/l	99
48) Methyl methacrylate	9.289	41	92778	45.152	ug/l	92
49) 1,4-Dioxane	9.295	88	25873	887.860	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	602914	231.621	ug/l	94
52) Toluene	10.240	92	286967	47.789	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	174394	48.910	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	189978	48.980	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	101078	47.816	ug/l	98
56) Ethyl methacrylate	10.508	69	150632	48.086	ug/l	90
57) 1,3-Dichloropropane	10.788	76	172263	47.340	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	258183	230.907	ug/l	94
59) 2-Hexanone	10.831	43	452426	231.636	ug/l	92
60) Dibromochloromethane	10.983	129	122913	49.678	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102577	47.889	ug/l	98
64) Tetrachloroethene	10.715	164	132721	48.810	ug/l	97
65) Chlorobenzene	11.514	112	308358	47.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	118855	50.302	ug/l	98
67) Ethyl Benzene	11.587	91	555829	47.951	ug/l	100
68) m/p-Xylenes	11.703	106	430212	95.749	ug/l	96
69) o-Xylene	12.026	106	208685	48.599	ug/l	98
70) Styrene	12.044	104	356338	49.353	ug/l	97
71) Bromoform	12.209	173	83295	50.536	ug/l #	100
73) Isopropylbenzene	12.325	105	544354	47.563	ug/l	100
74) N-amyl acetate	12.142	43	186126	48.407	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	129539	47.414	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	98982m	48.988	ug/l	
77) Bromobenzene	12.605	156	132525	48.891	ug/l	99
78) n-propylbenzene	12.666	91	655301	47.319	ug/l	99
79) 2-Chlorotoluene	12.751	91	369611	47.585	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	457346	47.776	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	45278	49.431	ug/l	97
82) 4-Chlorotoluene	12.849	91	385240	47.722	ug/l	100
83) tert-Butylbenzene	13.075	119	403731	48.152	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	461284	48.532	ug/l	99
85) sec-Butylbenzene	13.251	105	593220	47.435	ug/l	100
86) p-Isopropyltoluene	13.367	119	500133	47.716	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	257724	48.160	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	257633	47.627	ug/l	99
89) n-Butylbenzene	13.696	91	451959	45.813	ug/l	96
90) Hexachloroethane	13.959	117	94302	50.305	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	237850	48.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25717	47.584	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	150663	49.125	ug/l	99
94) Hexachlorobutadiene	15.111	225	78836	47.141	ug/l	99
95) Naphthalene	15.233	128	378884	49.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	139227	49.769	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Abundance

TIC: VY015442.D\data.ms

Time-->

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane,T
Diethyl Ether,T
Acrolein,T
Acetone,T
Methyl Carbon Disulfide,T
Methyl acetate,T
Methylene Chloride,T
Tert butyl alcohol,T
Acrylonitrile,T
Methyl 1,2-Dichloroethane,T
1,1-Dichloroethane,P
Diisopropyl ether,Vinyl Acetate,T
Ethyl Acetate,T
Methacrylonitrile,T
Chloroform,C
Dibromodichloromethane,T
Carbon tetrachloride,T
1,2-Dichloroethane,T
1,3-Dichloropropane,T
1,4-Difluorobenzene,I
Trichloroethene,TM
1,2-Dichloroethane,T
Bromodichloromethane,T
2-Chloroethyl Vinyl ether,T
cis-1,3-Dichloropropene,T
Toluene,d8,S
Toluene,CM
Ethyl 2,2-Dichloropropene,T
1,1,2-Trichloroethane,T
1,2-Dichloropropane,T
Dibromochloromethane,T
1,2-Dibromobenzene,T
Chlorobenzene,T
N-ethyl acetate,T
Bromochloroethane,T
trans-1,4-Dichloro-2-butene,I
Bromofluorobenzene,S
Bromobenzene,T
1,3,5-Trimethylbenzene,T
4-Chlorotoluene,T
tert-Butylbenzene,T
1,2,4-Trimethylbenzene,T
sec-Butylbenzene,T
n-Butylbenzene,T
1,2-Dichlorobenzene,T
Hexachloroethane,T
1,2-Dibromo-3-Chloropropane,T
1,2,4-Trichlorobenzene,T
Hexachlorobenzene,T
1,2,3-Trichlorobenzene,T