

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015502.D
 Acq On : 11 Sep 2023 21:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 01:23:33 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/12/2023
 Supervised By :Semsettin Yesilyurt 09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	171578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	82524	44.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.740%		
35) Dibromofluoromethane	7.716	113	76109	45.830	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.660%		
50) Toluene-d8	10.179	98	264026	43.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.800%		
62) 4-Bromofluorobenzene	12.477	95	103420	46.323	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68166	45.704	ug/l	100
3) Chloromethane	2.107	50	92619	46.759	ug/l	98
4) Vinyl Chloride	2.247	62	111854	48.516	ug/l	98
5) Bromomethane	2.638	94	91767	55.940	ug/l	100
6) Chloroethane	2.784	64	77710	51.280	ug/l	95
7) Trichlorofluoromethane	3.119	101	157247	48.218	ug/l	99
8) Diethyl Ether	3.522	74	57807	51.868	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	85904	47.526	ug/l	98
10) Methyl Iodide	4.082	142	97793	46.072	ug/l	99
11) Tert butyl alcohol	4.954	59	78456	186.363	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	83444	48.924	ug/l	94
13) Acrolein	3.723	56	75323	152.187	ug/l	100
14) Allyl chloride	4.473	41	131063	48.263	ug/l	97
15) Acrylonitrile	5.155	53	175966	250.911	ug/l	98
16) Acetone	3.942	43	142633	185.790	ug/l	91
17) Carbon Disulfide	4.186	76	222457	43.627	ug/l	98
18) Methyl Acetate	4.473	43	195521	70.314	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	295493	53.305	ug/l	97
20) Methylene Chloride	4.710	84	103489	40.543	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	98808	50.308	ug/l	96
22) Diisopropyl ether	6.113	45	309040	52.034	ug/l	92
23) Vinyl Acetate	6.058	43	736415	196.383	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	178585	52.015	ug/l	95
25) 2-Butanone	6.978	43	244747	224.772	ug/l	95
26) 2,2-Dichloropropane	6.978	77	115558	39.628	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	119008	53.412	ug/l	91
28) Bromochloromethane	7.332	49	51175	48.606	ug/l	95
29) Tetrahydrofuran	7.344	42	162804	238.094	ug/l	90
30) Chloroform	7.503	83	195358	54.128	ug/l	95
31) Cyclohexane	7.777	56	141022	43.163	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	170131	52.774	ug/l	98
36) 1,1-Dichloropropene	7.917	75	138861	47.621	ug/l	99
37) Ethyl Acetate	7.070	43	95193	42.328	ug/l #	95
38) Carbon Tetrachloride	7.893	117	150251	49.890	ug/l	98
39) Methylcyclohexane	9.179	83	158949	43.298	ug/l	93
40) Benzene	8.155	78	411640	50.598	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	49708m	47.133	ug/l	
42) 1,2-Dichloroethane	8.234	62	137470	50.674	ug/l	95
43) Isopropyl Acetate	8.271	43	177792	45.717	ug/l	96
44) Trichloroethene	8.935	130	119645	51.978	ug/l	100
45) 1,2-Dichloropropane	9.216	63	104416	50.913	ug/l	97
46) Dibromomethane	9.301	93	69428	50.963	ug/l	97
47) Bromodichloromethane	9.496	83	156273	53.640	ug/l	96
48) Methyl methacrylate	9.289	41	88211	49.437	ug/l	93
49) 1,4-Dioxane	9.295	88	23017	909.601	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	553814	245.014	ug/l	94
52) Toluene	10.240	92	268887	51.566	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	152103	49.126	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	163869	48.654	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	97394	53.058	ug/l	96
56) Ethyl methacrylate	10.508	69	138946	51.080	ug/l	90
57) 1,3-Dichloropropane	10.789	76	162822	51.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	230450	237.351	ug/l	93
59) 2-Hexanone	10.831	43	401711	236.852	ug/l	91
60) Dibromochloromethane	10.984	129	117047	54.479	ug/l	99
61) 1,2-Dibromoethane	11.087	107	96390	51.823	ug/l	99
64) Tetrachloroethene	10.715	164	139688	57.950	ug/l	98
65) Chlorobenzene	11.514	112	293846	51.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	112758	53.833	ug/l	99
67) Ethyl Benzene	11.593	91	517322	50.343	ug/l	99
68) m/p-Xylenes	11.697	106	403732	101.361	ug/l	95
69) o-Xylene	12.026	106	196130	51.523	ug/l	97
70) Styrene	12.038	104	339763	53.083	ug/l	97
71) Bromoform	12.203	173	80383	55.014	ug/l #	99
73) Isopropylbenzene	12.325	105	513096	49.737	ug/l	100
74) N-amyl acetate	12.142	43	142666	41.163	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	120907	49.096	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	90903m	49.911	ug/l	
77) Bromobenzene	12.605	156	126471	51.761	ug/l	99
78) n-propylbenzene	12.666	91	607574	48.673	ug/l	99
79) 2-Chlorotoluene	12.752	91	353505	50.490	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	427701	49.567	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	33546	40.630	ug/l	99
82) 4-Chlorotoluene	12.855	91	364216	50.053	ug/l	100
83) tert-Butylbenzene	13.075	119	370363	49.004	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	429786	50.165	ug/l	99
85) sec-Butylbenzene	13.251	105	539158	47.829	ug/l	99
86) p-Isopropyltoluene	13.367	119	454876	48.146	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	245407	50.876	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	246305	50.514	ug/l	99
89) n-Butylbenzene	13.697	91	411327	46.256	ug/l	96
90) Hexachloroethane	13.959	117	85232	50.441	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	227216	51.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23850	48.957	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	136308	49.307	ug/l	99
94) Hexachlorobutadiene	15.111	225	67196	44.576	ug/l	97
95) Naphthalene	15.233	128	348062	50.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	124109	49.218	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

