

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015430.D
 Acq On : 05 Sep 2023 12:02
 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 09/06/2023
 Supervised By :Semsettin Yesilyurt 09/06/2023

Quant Time: Sep 06 05:29:21 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	175686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	275771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97635	51.842	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.680%			
35) Dibromofluoromethane	7.710	113	88491	52.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.000%			
50) Toluene-d8	10.179	98	309749	50.748	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.477	95	117823	51.999	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	66776	43.725	ug/l	99
3) Chloromethane	2.107	50	99546	49.081	ug/l	99
4) Vinyl Chloride	2.241	62	108630	46.016	ug/l	98
5) Bromomethane	2.637	94	75343	44.854	ug/l	99
6) Chloroethane	2.778	64	73989	47.683	ug/l	97
7) Trichlorofluoromethane	3.107	101	151151	45.265	ug/l	100
8) Diethyl Ether	3.521	74	61319	53.732	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.881	101	86382	46.673	ug/l	94
10) Methyl Iodide	4.076	142	109494	50.378	ug/l	98
11) Tert butyl alcohol	4.966	59	116933	287.193	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	83337	47.718	ug/l	97
13) Acrolein	3.723	56	124051	237.694	ug/l	99
14) Allyl chloride	4.466	41	148250	53.316	ug/l	95
15) Acrylonitrile	5.155	53	209578	291.851	ug/l	99
16) Acetone	3.948	43	225577	286.960	ug/l	94
17) Carbon Disulfide	4.180	76	250272	47.935	ug/l	99
18) Methyl Acetate	4.472	43	166712	58.552	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	306104	53.928	ug/l	99
20) Methylene Chloride	4.704	84	120049	47.174	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	100574	50.010	ug/l	98
22) Diisopropyl ether	6.112	45	319289	52.503	ug/l	93
23) Vinyl Acetate	6.051	43	1060120	276.096	ug/l	95
24) 1,1-Dichloroethane	6.003	63	179314	51.007	ug/l	98
25) 2-Butanone	6.978	43	326004	292.397	ug/l	99
26) 2,2-Dichloropropane	6.972	77	154326	51.685	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	117452	51.481	ug/l	96
28) Bromochloromethane	7.326	49	58452	54.220	ug/l	98
29) Tetrahydrofuran	7.344	42	205526	293.544	ug/l	95
30) Chloroform	7.496	83	186873	50.566	ug/l	96
31) Cyclohexane	7.777	56	146093	43.670	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	159802	48.411	ug/l	99
36) 1,1-Dichloropropene	7.911	75	138394	46.763	ug/l	99
37) Ethyl Acetate	7.063	43	132872	58.214	ug/l	97
38) Carbon Tetrachloride	7.893	117	141380	46.255	ug/l	98
39) Methylcyclohexane	9.179	83	164388	44.122	ug/l	94
40) Benzene	8.155	78	410506	49.717	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	61738m	57.681	ug/l	
42) 1,2-Dichloroethane	8.228	62	135577	49.242	ug/l	93
43) Isopropyl Acetate	8.264	43	220020	55.745	ug/l	98
44) Trichloroethene	8.935	130	114031	48.812	ug/l	98
45) 1,2-Dichloropropane	9.209	63	107094	51.451	ug/l	98
46) Dibromomethane	9.301	93	71580	51.771	ug/l	96
47) Bromodichloromethane	9.490	83	153278	51.839	ug/l	97
48) Methyl methacrylate	9.289	41	97215	53.683	ug/l	92
49) 1,4-Dioxane	9.301	88	28264	1100.549	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	664313	289.583	ug/l	93
52) Toluene	10.240	92	264022	49.890	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	166209	52.893	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	178593	52.247	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	98710	52.985	ug/l	97
56) Ethyl methacrylate	10.508	69	150804	54.625	ug/l	90
57) 1,3-Dichloropropane	10.788	76	167187	52.134	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	269459	273.452	ug/l	96
59) 2-Hexanone	10.831	43	504528	293.104	ug/l	91
60) Dibromochloromethane	10.983	129	115857	53.133	ug/l	99
61) 1,2-Dibromoethane	11.087	107	101430	53.732	ug/l	99
64) Tetrachloroethene	10.715	164	127498	50.937	ug/l	97
65) Chlorobenzene	11.514	112	287567	48.391	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	109678	50.425	ug/l	98
67) Ethyl Benzene	11.587	91	508794	47.682	ug/l	99
68) m/p-Xylenes	11.697	106	396335	95.824	ug/l	95
69) o-Xylene	12.026	106	191773	48.515	ug/l	98
70) Styrene	12.038	104	331972	49.948	ug/l	97
71) Bromoform	12.203	173	81845	53.943	ug/l #	99
73) Isopropylbenzene	12.325	105	494913	47.129	ug/l	100
74) N-amyl acetate	12.142	43	195034	55.282	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	132126	52.707	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	101027m	54.493	ug/l	
77) Bromobenzene	12.605	156	121325	48.781	ug/l	95
78) n-propylbenzene	12.666	91	604817	47.598	ug/l	100
79) 2-Chlorotoluene	12.751	91	346597	48.631	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	420400	47.862	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	46525	55.357	ug/l	97
82) 4-Chlorotoluene	12.849	91	359829	48.579	ug/l	100
83) tert-Butylbenzene	13.075	119	360650	46.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	421416	48.322	ug/l	99
85) sec-Butylbenzene	13.251	105	537435	46.836	ug/l	100
86) p-Isopropyltoluene	13.367	119	456137	47.429	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	240717	49.025	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	241498	48.656	ug/l	99
89) n-Butylbenzene	13.696	91	429801	47.482	ug/l	97
90) Hexachloroethane	13.958	117	85246	49.561	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	223288	49.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27575	55.607	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	142432	50.614	ug/l	98
94) Hexachlorobutadiene	15.111	225	71728	46.744	ug/l	98
95) Naphthalene	15.233	128	383209	54.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132951	51.796	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

