

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016158.D
 Acq On : 01 Nov 2023 09:23
 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

11/02/2023

Supervised By :Semsettin

Yesilyurt

11/02/2023

Quant Time: Nov 02 02:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	179536	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	280414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	240136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110986	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	87134	51.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.740%	
35) Dibromofluoromethane	7.722	113	84133	50.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.660%	
50) Toluene-d8	10.185	98	355395	53.619	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.483	95	115182	50.820	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	63245	55.224	ug/l	99
3) Chloromethane	2.119	50	79851	50.359	ug/l	97
4) Vinyl Chloride	2.253	62	87742	53.614	ug/l	97
5) Bromomethane	2.656	94	57633	52.182	ug/l	100
6) Chloroethane	2.796	64	59777	51.882	ug/l	95
7) Trichlorofluoromethane	3.131	101	134408	54.401	ug/l	99
8) Diethyl Ether	3.534	74	42881	52.366	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	83085	53.380	ug/l	97
10) Methyl Iodide	4.095	142	93470	54.005	ug/l	97
11) Tert butyl alcohol	4.948	59	27570	219.647	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	74983	52.781	ug/l	91
13) Acrolein	3.729	56	27363	236.807	ug/l	97
14) Allyl chloride	4.485	41	110428	54.344	ug/l #	95
15) Acrylonitrile	5.168	53	89786	256.595	ug/l	98
16) Acetone	3.948	43	66214	246.650	ug/l	91
17) Carbon Disulfide	4.198	76	194401	54.811	ug/l	96
18) Methyl Acetate	4.479	43	68132	50.429	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	206934	51.209	ug/l	99
20) Methylene Chloride	4.716	84	86731	50.807	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	87430	52.835	ug/l	96
22) Diisopropyl ether	6.119	45	257434	52.378	ug/l	90
23) Vinyl Acetate	6.064	43	624805	258.919	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	156405	53.172	ug/l	98
25) 2-Butanone	6.984	43	111599	240.780	ug/l	92
26) 2,2-Dichloropropane	6.984	77	149453	53.748	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	103301	53.045	ug/l	93
28) Bromochloromethane	7.338	49	51542	46.825	ug/l	88
29) Tetrahydrofuran	7.350	42	73850	254.180	ug/l	91
30) Chloroform	7.509	83	166788	52.081	ug/l	95
31) Cyclohexane	7.789	56	131323	50.851	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	154920	52.748	ug/l	98
36) 1,1-Dichloropropene	7.923	75	125994	52.193	ug/l	97
37) Ethyl Acetate	7.076	43	53744	49.986	ug/l #	95
38) Carbon Tetrachloride	7.905	117	137255	57.391	ug/l	98
39) Methylcyclohexane	9.185	83	155553	53.983	ug/l	92
40) Benzene	8.161	78	361947	52.227	ug/l	100

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41) Methacrylonitrile	7.313	41	26975	43.223	ug/l	95
42) 1,2-Dichloroethane	8.240	62	99692	51.547	ug/l	94
43) Isopropyl Acetate	8.277	43	105779	49.737	ug/l #	91
44) Trichloroethene	8.941	130	105271	51.907	ug/l	97
45) 1,2-Dichloropropane	9.216	63	88744	53.230	ug/l	96
46) Dibromomethane	9.307	93	49316	52.145	ug/l	97
47) Bromodichloromethane	9.496	83	128121	53.319	ug/l	98
48) Methyl methacrylate	9.295	41	49266	50.942	ug/l	88
49) 1,4-Dioxane	9.301	88	9677	841.723	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	270516	254.917	ug/l	93
52) Toluene	10.246	92	235089	52.349	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	125137	52.167	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	146477	52.040	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	67082	50.425	ug/l	96
56) Ethyl methacrylate	10.514	69	88250	51.080	ug/l #	86
57) 1,3-Dichloropropane	10.795	76	114942	50.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	213184	254.467	ug/l	93
59) 2-Hexanone	10.831	43	190732	262.285	ug/l	90
60) Dibromochloromethane	10.990	129	85391	51.164	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64319	50.830	ug/l	99
64) Tetrachloroethene	10.721	164	103484	48.448	ug/l	98
65) Chlorobenzene	11.520	112	249982	52.397	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	94249	53.335	ug/l	99
67) Ethyl Benzene	11.593	91	453694	53.167	ug/l	98
68) m/p-Xylenes	11.703	106	346978	105.227	ug/l	95
69) o-Xylene	12.032	106	166002	52.727	ug/l	96
70) Styrene	12.044	104	275782	52.692	ug/l	96
71) Bromoform	12.209	173	51135	52.162	ug/l #	98
73) Isopropylbenzene	12.331	105	451368	54.216	ug/l	100
74) N-amyl acetate	12.148	43	92352	51.047	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	69010	52.092	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	50613m	48.426	ug/l	
77) Bromobenzene	12.611	156	99377	52.716	ug/l	95
78) n-propylbenzene	12.672	91	529542	53.800	ug/l	99
79) 2-Chlorotoluene	12.758	91	291462	53.092	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	360433	53.438	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	24859	51.571	ug/l	94
82) 4-Chlorotoluene	12.855	91	298090	52.879	ug/l	98
83) tert-Butylbenzene	13.081	119	327182	54.213	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	351949	52.733	ug/l	99
85) sec-Butylbenzene	13.258	105	477102	53.862	ug/l	99
86) p-Isopropyltoluene	13.373	119	391321	53.304	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	194726	52.230	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	189562	51.443	ug/l	99
89) n-Butylbenzene	13.703	91	360263	53.408	ug/l	97
90) Hexachloroethane	13.965	117	71298	56.357	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	167268	51.926	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10832	45.688	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	97993	49.287	ug/l	99
94) Hexachlorobutadiene	15.117	225	55580	51.157	ug/l	97
95) Naphthalene	15.239	128	177368	45.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	80970	47.674	ug/l	99

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

