

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007439.D
 Acq On : 08 Feb 2022 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2022
 Supervised By :Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 00:59:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	121703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72478	51.774	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.540%			
35) Dibromofluoromethane	7.716	113	69079	51.184	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.360%			
50) Toluene-d8	10.179	98	252405	50.620	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.477	95	84434	49.820	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	67323	47.248	ug/l	98
3) Chloromethane	2.113	50	72179	45.994	ug/l	97
4) Vinyl Chloride	2.253	62	78505	46.722	ug/l	98
5) Bromomethane	2.644	94	53649	52.713	ug/l	96
6) Chloroethane	2.790	64	49390	47.862	ug/l	98
7) Trichlorofluoromethane	3.125	101	134908	49.546	ug/l	93
8) Diethyl Ether	3.527	74	41875	51.811	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	76670	49.997	ug/l	92
10) Methyl Iodide	4.088	142	87666	53.030	ug/l	94
11) Tert butyl alcohol	4.954	59	34719	207.787	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	68944	48.671	ug/l	88
13) Acrolein	3.723	56	51915	276.063	ug/l	96
14) Allyl chloride	4.479	41	100482	46.184	ug/l #	93
15) Acrylonitrile	5.155	53	98720	259.977	ug/l	99
16) Acetone	3.942	43	83210	183.022	ug/l	98
17) Carbon Disulfide	4.192	76	208129	46.802	ug/l	100
18) Methyl Acetate	4.472	43	42956	50.444	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	210240	52.681	ug/l #	90
20) Methylene Chloride	4.710	84	75824	51.529	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	78341	49.992	ug/l	87
22) Diisopropyl ether	6.118	45	219860	48.228	ug/l #	93
23) Vinyl Acetate	6.058	43	739859	248.849	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	135107	49.071	ug/l	99
25) 2-Butanone	6.984	43	126230	229.801	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	121079	45.959	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	87826	50.739	ug/l	88
28) Bromochloromethane	7.338	49	56736	52.701	ug/l #	81
29) Tetrahydrofuran	7.344	42	83682	263.636	ug/l #	85
30) Chloroform	7.502	83	144032	50.288	ug/l	99
31) Cyclohexane	7.789	56	123094	45.064	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	132042	49.604	ug/l	95
36) 1,1-Dichloropropene	7.917	75	110682	46.909	ug/l	99
37) Ethyl Acetate	7.070	43	57474	48.996	ug/l #	94
38) Carbon Tetrachloride	7.899	117	120314	48.536	ug/l	96
39) Methylcyclohexane	9.179	83	139738	47.159	ug/l	90
40) Benzene	8.161	78	302700	48.400	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24575m	42.159	ug/l	
42) 1,2-Dichloroethane	8.234	62	93629	49.248	ug/l	93
43) Isopropyl Acetate	8.271	43	110037	50.160	ug/l #	91
44) Trichloroethene	8.935	130	82486	48.779	ug/l	95
45) 1,2-Dichloropropane	9.216	63	74589	48.366	ug/l	95
46) Dibromomethane	9.307	93	46929	51.148	ug/l	93
47) Bromodichloromethane	9.496	83	111103	50.075	ug/l	97
48) Methyl methacrylate	9.295	41	48340	48.726	ug/l #	84
49) 1,4-Dioxane	9.295	88	12507	1244.437	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	284245	255.483	ug/l	89
52) Toluene	10.240	92	193795	49.180	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	116403	50.220	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	128228	49.391	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	62661	52.000	ug/l	98
56) Ethyl methacrylate	10.508	69	88328	52.774	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	109142	51.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	236829	272.019	ug/l	95
59) 2-Hexanone	10.831	43	196925	242.782	ug/l	89
60) Dibromochloromethane	10.983	129	78145	52.090	ug/l	100
61) 1,2-Dibromoethane	11.087	107	62172	52.150	ug/l	100
64) Tetrachloroethene	10.721	164	73003	49.814	ug/l	95
65) Chlorobenzene	11.514	112	203576	49.004	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	78667	50.727	ug/l	97
67) Ethyl Benzene	11.593	91	381241	48.362	ug/l	98
68) m/p-Xylenes	11.697	106	284620	97.483	ug/l	100
69) o-Xylene	12.026	106	135408	49.053	ug/l	99
70) Styrene	12.044	104	230787	50.716	ug/l	98
71) Bromoform	12.203	173	44117	51.561	ug/l #	100
73) Isopropylbenzene	12.325	105	367321	46.974	ug/l	98
74) N-amyl acetate	12.142	43	95047	49.105	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	70800	49.579	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	50051m	49.206	ug/l	
77) Bromobenzene	12.605	156	80060	48.604	ug/l	99
78) n-propylbenzene	12.666	91	448194	47.320	ug/l	100
79) 2-Chlorotoluene	12.751	91	246291	46.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	304890	47.795	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	25321	49.872	ug/l	86
82) 4-Chlorotoluene	12.855	91	251791	46.749	ug/l	100
83) tert-Butylbenzene	13.075	119	269911	48.603	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	299663	47.710	ug/l	99
85) sec-Butylbenzene	13.251	105	397178	47.682	ug/l	98
86) p-Isopropyltoluene	13.367	119	329219	48.518	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	156592	49.032	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	155680	48.902	ug/l	97
89) n-Butylbenzene	13.696	91	312489	47.848	ug/l	99
90) Hexachloroethane	13.959	117	62716	48.907	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	137397	48.877	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11851	51.068	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	83398	50.097	ug/l	99
94) Hexachlorobutadiene	15.111	225	46124	50.050	ug/l	97
95) Naphthalene	15.233	128	190185	54.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	73150	52.056	ug/l	98

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ALS Vial : 17 Sample Multiplier: 1

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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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 Operator : SY/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050EC

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