

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009388.D
 Acq On : 29 Jun 2022 21:20
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 05:14:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	129567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	208696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	197350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53648	51.695	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.380%			
35) Dibromofluoromethane	7.709	113	56671	49.339	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.680%			
50) Toluene-d8	10.172	98	174549	49.565	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.477	95	87886	52.620	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43231	40.528	ug/l	99
3) Chloromethane	2.107	50	45678	39.356	ug/l	96
4) Vinyl Chloride	2.241	62	57310	42.685	ug/l	100
5) Bromomethane	2.637	94	38295	44.449	ug/l	99
6) Chloroethane	2.784	64	34588	48.315	ug/l	99
7) Trichlorofluoromethane	3.113	101	85131	47.791	ug/l	96
8) Diethyl Ether	3.527	74	25532	36.685	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.887	101	55162	43.201	ug/l	95
10) Methyl Iodide	4.082	142	66409	47.381	ug/l	91
11) Tert butyl alcohol	4.954	59	35242	201.237	ug/l	95
12) 1,1-Dichloroethene	3.863	96	49444	42.451	ug/l	84
13) Acrolein	3.722	56	14161	163.494	ug/l	97
14) Allyl chloride	4.466	41	91946	43.083	ug/l	97
15) Acrylonitrile	5.155	53	98860	250.738	ug/l	98
16) Acetone	3.942	43	70925	208.098	ug/l	90
17) Carbon Disulfide	4.186	76	127948	39.492	ug/l	99
18) Methyl Acetate	4.466	43	45436	51.703	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	178823	51.194	ug/l	98
20) Methylene Chloride	4.704	84	65860	41.075	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	62393	44.744	ug/l	90
22) Diisopropyl ether	6.112	45	240445	53.386	ug/l	92
23) Vinyl Acetate	6.051	43	786726	278.841	ug/l	95
24) 1,1-Dichloroethane	6.009	63	118088	46.634	ug/l	99
25) 2-Butanone	6.978	43	138167	255.704	ug/l	93
26) 2,2-Dichloropropane	6.972	77	101844	42.494	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	78590	48.512	ug/l	90
28) Bromochloromethane	7.325	49	61312	56.388	ug/l	93
29) Tetrahydrofuran	7.338	42	95223	274.875	ug/l	94
30) Chloroform	7.502	83	126608	48.647	ug/l	100
31) Cyclohexane	7.783	56	103647	44.403	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	110936	47.599	ug/l	97
36) 1,1-Dichloropropene	7.911	75	92813	46.214	ug/l	98
37) Ethyl Acetate	7.063	43	63482	53.301	ug/l	96
38) Carbon Tetrachloride	7.892	117	100026	47.650	ug/l	99
39) Methylcyclohexane	9.179	83	108095	45.477	ug/l	95
40) Benzene	8.154	78	283921	48.342	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	33130m	49.238	ug/l	
42) 1,2-Dichloroethane	8.234	62	87650	52.025	ug/l	94
43) Isopropyl Acetate	8.270	43	119583	54.687	ug/l	95
44) Trichloroethene	8.935	130	78261	47.957	ug/l	97
45) 1,2-Dichloropropane	9.209	63	74282	49.931	ug/l	95
46) Dibromomethane	9.301	93	44201	51.862	ug/l	97
47) Bromodichloromethane	9.490	83	98317	48.712	ug/l	99
48) Methyl methacrylate	9.288	41	50856	53.949	ug/l	90
49) 1,4-Dioxane	9.295	88	12458	1048.621	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	328303	291.194	ug/l	95
52) Toluene	10.239	92	185380	50.028	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	107764	53.375	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	116206	48.205	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	58005	51.155	ug/l	99
56) Ethyl methacrylate	10.508	69	86076	59.471	ug/l	86
57) 1,3-Dichloropropane	10.788	76	104115	51.831	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	237994	296.988	ug/l	99
59) 2-Hexanone	10.831	43	225627	289.703	ug/l	92
60) Dibromochloromethane	10.983	129	73332	51.103	ug/l	99
61) 1,2-Dibromoethane	11.081	107	58370	51.273	ug/l	99
64) Tetrachloroethene	10.715	164	85491	46.531	ug/l	96
65) Chlorobenzene	11.514	112	202943	48.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	78151	50.455	ug/l	96
67) Ethyl Benzene	11.587	91	358422	48.928	ug/l	99
68) m/p-Xylenes	11.697	106	283233	96.694	ug/l	92
69) o-Xylene	12.026	106	137021	49.568	ug/l	92
70) Styrene	12.038	104	236833	51.710	ug/l	95
71) Bromoform	12.203	173	51643	53.062	ug/l #	98
73) Isopropylbenzene	12.324	105	360013	44.993	ug/l	99
74) N-amyl acetate	12.142	43	105923	50.467	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	74003	47.745	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	63735m	50.239	ug/l	
77) Bromobenzene	12.605	156	86820	45.517	ug/l	97
78) n-propylbenzene	12.666	91	443776	45.593	ug/l	99
79) 2-Chlorotoluene	12.751	91	249250	45.368	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	306927	45.869	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	27436	48.151	ug/l	84
82) 4-Chlorotoluene	12.849	91	257130	45.036	ug/l	96
83) tert-Butylbenzene	13.068	119	271233	48.246	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	300881	47.319	ug/l	97
85) sec-Butylbenzene	13.251	105	401744	47.446	ug/l	99
86) p-Isopropyltoluene	13.367	119	326574	45.865	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	170693	45.296	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	174493	44.999	ug/l	98
89) n-Butylbenzene	13.696	91	313262	46.823	ug/l	99
90) Hexachloroethane	13.958	117	65447	46.359	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	156586	45.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12808	49.306	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	91091	44.899	ug/l	100
94) Hexachlorobutadiene	15.111	225	50235	44.108	ug/l	98
95) Naphthalene	15.232	128	196885	48.470	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	79902	45.332	ug/l	98

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

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