

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011149.D
 Acq On : 28 Oct 2022 11:16
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 22:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 22:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	270349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	439994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	394263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133216	47.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.300%		
35) Dibromofluoromethane	7.716	113	132780	49.072	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.140%		
50) Toluene-d8	10.179	98	540662	50.437	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.880%		
62) 4-Bromofluorobenzene	12.477	95	174436	49.732	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	68889	46.809	ug/l	99
3) Chloromethane	2.113	50	88764	44.684	ug/l	94
4) Vinyl Chloride	2.247	62	107621	45.912	ug/l	100
5) Bromomethane	2.650	94	70815	42.938	ug/l	96
6) Chloroethane	2.796	64	75113	46.239	ug/l	96
7) Trichlorofluoromethane	3.125	101	178699	46.765	ug/l	93
8) Diethyl Ether	3.528	74	63534	46.155	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.900	101	116951	48.463	ug/l	93
10) Methyl Iodide	4.088	142	133083	50.338	ug/l	92
11) Tert butyl alcohol	4.948	59	52052	169.865	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	103004	47.428	ug/l	84
13) Acrolein	3.729	56	37713	191.552	ug/l	97
14) Allyl chloride	4.479	41	165755	49.154	ug/l #	85
15) Acrylonitrile	5.161	53	170907	225.001	ug/l	98
16) Acetone	3.942	43	150921	220.654	ug/l #	84
17) Carbon Disulfide	4.192	76	240143	42.600	ug/l	100
18) Methyl Acetate	4.473	43	79100	36.599	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	308227	48.082	ug/l	98
20) Methylene Chloride	4.716	84	141314	39.835	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	116990	46.983	ug/l	90
22) Diisopropyl ether	6.119	45	390410	50.357	ug/l #	90
23) Vinyl Acetate	6.058	43	1129594	256.283	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	231808	48.395	ug/l	99
25) 2-Butanone	6.984	43	215993	220.303	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	206642	48.272	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	144800	47.998	ug/l	89
28) Bromochloromethane	7.332	49	112244	51.320	ug/l	87
29) Tetrahydrofuran	7.344	42	130621	223.606	ug/l #	85
30) Chloroform	7.509	83	241955	48.114	ug/l	100
31) Cyclohexane	7.783	56	177399	45.081	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	208791	48.799	ug/l	95
36) 1,1-Dichloropropene	7.917	75	169736	48.118	ug/l	98
37) Ethyl Acetate	7.070	43	89291	44.739	ug/l #	93
38) Carbon Tetrachloride	7.899	117	187289	48.745	ug/l	98
39) Methylcyclohexane	9.185	83	192027	48.788	ug/l	92
40) Benzene	8.161	78	505178	47.835	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	41838m	36.824	ug/l	
42) 1,2-Dichloroethane	8.234	62	141216	46.997	ug/l	91
43) Isopropyl Acetate	8.271	43	163246	45.872	ug/l #	88
44) Trichloroethene	8.941	130	136112	47.954	ug/l	97
45) 1,2-Dichloropropane	9.216	63	134791	48.487	ug/l	94
46) Dibromomethane	9.301	93	72107	46.401	ug/l	96
47) Bromodichloromethane	9.496	83	186603	48.592	ug/l	98
48) Methyl methacrylate	9.289	41	72987	46.013	ug/l #	79
49) 1,4-Dioxane	9.295	88	19713	919.090	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	465942	232.214	ug/l #	87
52) Toluene	10.240	92	325055	49.172	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	185736	48.239	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	213463	48.911	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	107619	46.528	ug/l	99
56) Ethyl methacrylate	10.508	69	140575	48.293	ug/l #	75
57) 1,3-Dichloropropane	10.789	76	182478	47.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	336173	273.360	ug/l	97
59) 2-Hexanone	10.831	43	322603	232.962	ug/l	84
60) Dibromochloromethane	10.984	129	130203	47.607	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97587	46.480	ug/l	99
64) Tetrachloroethene	10.715	164	130821	48.089	ug/l	97
65) Chlorobenzene	11.514	112	355385	48.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	137140	48.686	ug/l	98
67) Ethyl Benzene	11.593	91	636317	50.173	ug/l	98
68) m/p-Xylenes	11.703	106	486260	100.599	ug/l	95
69) o-Xylene	12.026	106	234670	50.903	ug/l	94
70) Styrene	12.044	104	406036	51.536	ug/l	95
71) Bromoform	12.209	173	81985	47.499	ug/l #	99
73) Isopropylbenzene	12.325	105	637601	51.701	ug/l	99
74) N-amyl acetate	12.142	43	146752	48.477	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	125159	46.518	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	90249m	44.978	ug/l	
77) Bromobenzene	12.605	156	144400	49.783	ug/l	98
78) n-propylbenzene	12.672	91	773331	51.564	ug/l	99
79) 2-Chlorotoluene	12.758	91	431327	50.285	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	532683	51.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	43895	47.469	ug/l #	82
82) 4-Chlorotoluene	12.855	91	447328	50.271	ug/l	100
83) tert-Butylbenzene	13.075	119	471161	51.946	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	524806	51.311	ug/l	99
85) sec-Butylbenzene	13.252	105	701373	51.715	ug/l	100
86) p-Isopropyltoluene	13.367	119	583735	52.392	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	288797	49.045	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	286345	48.607	ug/l	98
89) n-Butylbenzene	13.690	91	543319	52.208	ug/l	99
90) Hexachloroethane	13.959	117	114669	49.267	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	259648	49.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19497	45.013	ug/l	83
93) 1,2,4-Trichlorobenzene	15.001	180	153624	50.678	ug/l	98
94) Hexachlorobutadiene	15.111	225	92270	50.403	ug/l	99
95) Naphthalene	15.233	128	302329	49.830	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	132090	50.056	ug/l	99

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

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