

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011276.D
 Acq On : 03 Nov 2022 09:34
 Operator : KP/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 :Krupa
 Patel

Quant Time: Nov 03 14:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	389131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	355129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121724	45.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.716	113	127276	50.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.179	98	485039	49.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.483	95	171987	51.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	94220	46.978	ug/l	99
3) Chloromethane	2.113	50	124576	44.527	ug/l	96
4) Vinyl Chloride	2.253	62	142859	45.711	ug/l	97
5) Bromomethane	2.650	94	97487	46.756	ug/l	97
6) Chloroethane	2.796	64	93088	46.353	ug/l	99
7) Trichlorofluoromethane	3.125	101	220412	47.738	ug/l	94
8) Diethyl Ether	3.528	74	77641	46.864	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	135765	48.908	ug/l	94
10) Methyl Iodide	4.088	142	175302	49.059	ug/l	91
11) Tert butyl alcohol	4.942	59	62472	222.843	ug/l	99
12) 1,1-Dichloroethene	3.869	96	133036	48.473	ug/l	82
13) Acrolein	3.729	56	33054	227.577	ug/l	98
14) Allyl chloride	4.479	41	199960	48.098	ug/l #	84
15) Acrylonitrile	5.161	53	184978	222.510	ug/l	98
16) Acetone	3.942	43	185110	227.248	ug/l #	83
17) Carbon Disulfide	4.192	76	420956	46.698	ug/l	99
18) Methyl Acetate	4.472	43	88558	41.065	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	346279	47.480	ug/l	98
20) Methylene Chloride	4.710	84	177625	53.691	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	153067	49.034	ug/l	87
22) Diisopropyl ether	6.112	45	421540	48.906	ug/l #	91
23) Vinyl Acetate	6.058	43	1265943	240.631	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	261143	48.379	ug/l	99
25) 2-Butanone	6.978	43	247753	216.163	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	234396	47.490	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	171780	49.942	ug/l	87
28) Bromochloromethane	7.332	49	102710	49.536	ug/l #	83
29) Tetrahydrofuran	7.344	42	147661	221.302	ug/l #	84
30) Chloroform	7.502	83	267090	48.992	ug/l	99
31) Cyclohexane	7.783	56	236167	47.218	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	237669	49.151	ug/l	95
36) 1,1-Dichloropropene	7.917	75	210889	51.652	ug/l	97
37) Ethyl Acetate	7.070	43	100248	45.547	ug/l #	91
38) Carbon Tetrachloride	7.899	117	220549	52.068	ug/l	97
39) Methylcyclohexane	9.179	83	261671	52.680	ug/l	91
40) Benzene	8.155	78	611039	50.922	ug/l	96

11/04/2022
 Supervised By :Mahesh
 adoda

11/04/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	55849m	46.700	ug/l	11/04/2022
42) 1,2-Dichloroethane	8.234	62	160633	49.297	ug/l	Supervised By :Mahesh
43) Isopropyl Acetate	8.271	43	179675	46.335	ug/l #	Dadoda
44) Trichloroethene	8.935	130	165998	51.691	ug/l	96
45) 1,2-Dichloropropane	9.216	63	150102	50.597	ug/l	95
46) Dibromomethane	9.301	93	83640	49.899	ug/l	98
47) Bromodichloromethane	9.496	83	203017	51.094	ug/l	99
48) Methyl methacrylate	9.289	41	85895	48.225	ug/l #	11/04/2022
49) 1,4-Dioxane	9.295	88	22362	991.689	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	495471	234.992	ug/l #	86
52) Toluene	10.240	92	388721	52.244	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	210465	50.295	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	244557	51.075	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	119857	49.893	ug/l	98
56) Ethyl methacrylate	10.508	69	160414	50.553	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	204210	49.662	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	375564	252.459	ug/l	95
59) 2-Hexanone	10.831	43	361207	239.959	ug/l	82
60) Dibromochloromethane	10.984	129	145446	50.958	ug/l	100
61) 1,2-Dibromoethane	11.087	107	113528	49.778	ug/l	100
64) Tetrachloroethene	10.721	164	160993	53.369	ug/l	99
65) Chlorobenzene	11.514	112	409972	52.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	151209	52.415	ug/l	98
67) Ethyl Benzene	11.593	91	743819	53.520	ug/l	99
68) m/p-Xylenes	11.703	106	582076	107.893	ug/l	94
69) o-Xylene	12.026	106	272405	53.865	ug/l	94
70) Styrene	12.044	104	464327	54.161	ug/l	95
71) Bromoform	12.209	173	91493	51.026	ug/l #	100
73) Isopropylbenzene	12.331	105	722206	54.553	ug/l	100
74) N-amyl acetate	12.142	43	161040	48.459	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	134012	48.918	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	103882m	48.191	ug/l	
77) Bromobenzene	12.611	156	164497	52.824	ug/l	98
78) n-propylbenzene	12.672	91	877851	54.190	ug/l	99
79) 2-Chlorotoluene	12.758	91	490149	52.807	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	610494	54.496	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	48790	48.439	ug/l #	83
82) 4-Chlorotoluene	12.855	91	505752	52.874	ug/l	99
83) tert-Butylbenzene	13.075	119	524130	54.298	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	606099	54.704	ug/l	99
85) sec-Butylbenzene	13.251	105	783069	54.715	ug/l	100
86) p-Isopropyltoluene	13.367	119	657515	55.119	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	328716	52.643	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	325331	51.949	ug/l	98
89) n-Butylbenzene	13.696	91	609603	54.726	ug/l	99
90) Hexachloroethane	13.959	117	125011	52.401	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	290692	52.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21769	46.387	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	179106	53.130	ug/l	99
94) Hexachlorobutadiene	15.111	225	104005	52.986	ug/l	99
95) Naphthalene	15.233	128	357452	45.718	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	154429	52.127	ug/l	98

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

11/04/2022
 Supervised By :Mahesh
 Dadoda

11/04/2022

