

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075393.D
 Acq On : 21 Feb 2023 20:56
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 01:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	58564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	96604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	85360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25548	50.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.420%		
35) Dibromofluoromethane	7.804	113	25766	44.929	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.860%		
50) Toluene-d8	10.269	98	89405	43.198	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.400%		
62) 4-Bromofluorobenzene	12.575	95	31265	44.988	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29952	45.748	ug/l	92
3) Chloromethane	2.146	50	45579	47.580	ug/l	98
4) Vinyl Chloride	2.287	62	49350	48.529	ug/l	98
5) Bromomethane	2.693	94	28946	50.127	ug/l	97
6) Chloroethane	2.834	64	32150	45.750	ug/l	94
7) Trichlorofluoromethane	3.181	101	58435	48.923	ug/l	92
8) Diethyl Ether	3.593	74	14875	53.488	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	32952	48.405	ug/l	98
10) Methyl Iodide	4.163	142	37925	50.937	ug/l	99
11) Tert butyl alcohol	5.057	59	6509m	179.797	ug/l	
12) 1,1-Dichloroethene	3.940	96	31432	49.525	ug/l	92
13) Acrolein	3.805	56	2353	167.847	ug/l	100
14) Allyl chloride	4.563	41	51873	51.687	ug/l	96
15) Acrylonitrile	5.257	53	32888	244.935	ug/l	97
16) Acetone	4.022	43	32983	217.611	ug/l	98
17) Carbon Disulfide	4.275	76	106250	47.533	ug/l	98
18) Methyl Acetate	4.569	43	23282	49.019	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	66466	51.727	ug/l	97
20) Methylene Chloride	4.799	84	38462	53.177	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	36616	51.613	ug/l	90
22) Diisopropyl ether	6.216	45	102411	53.422	ug/l	97
23) Vinyl Acetate	6.157	43	183226	289.041	ug/l	96
24) 1,1-Dichloroethane	6.110	63	63367	50.335	ug/l	95
25) 2-Butanone	7.087	43	43107	228.061	ug/l	100
26) 2,2-Dichloropropane	7.087	77	55442	50.637	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	39204	51.948	ug/l	99
28) Bromochloromethane	7.428	49	13021	51.615	ug/l #	98
29) Tetrahydrofuran	7.451	42	26494	248.519	ug/l	96
30) Chloroform	7.599	83	65537	51.840	ug/l	99
31) Cyclohexane	7.881	56	55970	47.089	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	58905	50.619	ug/l	98
36) 1,1-Dichloropropene	8.010	75	50407	49.040	ug/l	99
37) Ethyl Acetate	7.169	43	19717	49.014	ug/l #	93
38) Carbon Tetrachloride	7.998	117	50974	49.495	ug/l	95
39) Methylcyclohexane	9.275	83	59911	49.451	ug/l	95
40) Benzene	8.251	78	141237	50.195	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12455	53.986	ug/l	98
42) 1,2-Dichloroethane	8.328	62	39719	50.554	ug/l	99
43) Isopropyl Acetate	8.363	43	37539	49.666	ug/l	97
44) Trichloroethene	9.028	130	37576	49.849	ug/l	97
45) 1,2-Dichloropropane	9.310	63	35644	51.944	ug/l	99
46) Dibromomethane	9.398	93	18667	49.960	ug/l	98
47) Bromodichloromethane	9.587	83	47348	49.798	ug/l	91
48) Methyl methacrylate	9.381	41	19151	50.403	ug/l	95
49) 1,4-Dioxane	9.381	88	2846	838.582	ug/l	96
51) 4-Methyl-2-Pentanone	10.163	43	95913	250.563	ug/l	98
52) Toluene	10.334	92	88197	50.910	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	41742	53.625	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	49756	52.724	ug/l	92
55) 1,1,2-Trichloroethane	10.740	97	24535	50.687	ug/l	94
56) Ethyl methacrylate	10.598	69	27687	51.401	ug/l	98
57) 1,3-Dichloropropane	10.881	76	42742	51.267	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	32625	246.837	ug/l	95
59) 2-Hexanone	10.922	43	65112	241.051	ug/l	100
60) Dibromochloromethane	11.075	129	30551	49.366	ug/l	98
61) 1,2-Dibromoethane	11.181	107	23299	50.763	ug/l	99
64) Tetrachloroethene	10.810	164	30600	50.082	ug/l	93
65) Chlorobenzene	11.610	112	91656	51.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	33627	51.867	ug/l	98
67) Ethyl Benzene	11.687	91	167776	51.817	ug/l	98
68) m/p-Xylenes	11.798	106	132373	104.299	ug/l	99
69) o-Xylene	12.122	106	60331	51.904	ug/l	97
70) Styrene	12.139	104	102689	52.934	ug/l	98
71) Bromoform	12.304	173	17674	53.194	ug/l #	100
73) Isopropylbenzene	12.422	105	161241	50.681	ug/l	99
74) N-amyl acetate	12.239	43	34645	50.866	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	26692	50.064	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	18725m	59.507	ug/l	
77) Bromobenzene	12.704	156	36092	50.192	ug/l	99
78) n-propylbenzene	12.769	91	202709	50.922	ug/l	100
79) 2-Chlorotoluene	12.851	91	108586	50.514	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	137398	52.184	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	6463	49.929	ug/l	89
82) 4-Chlorotoluene	12.951	91	114864	50.648	ug/l	99
83) tert-Butylbenzene	13.169	119	120766	52.911	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	136739	52.581	ug/l	99
85) sec-Butylbenzene	13.345	105	178742	50.833	ug/l	99
86) p-Isopropyltoluene	13.463	119	147240	51.544	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	72956	49.259	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	73219	50.390	ug/l	100
89) n-Butylbenzene	13.792	91	141697	50.423	ug/l	100
90) Hexachloroethane	14.057	117	27434	47.874	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	63445	51.090	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	3876	48.631	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	37908	50.203	ug/l	99
94) Hexachlorobutadiene	15.210	225	20725	47.419	ug/l	96
95) Naphthalene	15.333	128	68869	51.553	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	32741	51.281	ug/l	98

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

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