

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073311.D
 Acq On : 24 May 2022 05:47
 Operator : VA/SY
 Sample : N2949-05MS
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-01MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

Quant Time: May 24 08:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	228582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	413709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	379098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	153053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161008	63.736	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.480%			
35) Dibromofluoromethane	7.908	113	163928	60.049	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.100%			
50) Toluene-d8	10.332	98	542962	53.955	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.620	95	174821	49.502	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	95323	41.734	ug/l	94
3) Chloromethane	2.209	50	120394	46.615	ug/l	99
4) Vinyl Chloride	2.344	62	110485	46.782	ug/l	96
5) Bromomethane	2.762	94	76170	50.336	ug/l	95
6) Chloroethane	2.920	64	75871	52.259	ug/l	98
7) Trichlorofluoromethane	3.267	101	194425	46.558	ug/l	98
8) Diethyl Ether	3.709	74	65374	56.971	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	105758	42.445	ug/l	95
10) Methyl Iodide	4.297	142	109363	40.682	ug/l	97
11) Tert butyl alcohol	5.203	59	70515	179.916	ug/l #	89
12) 1,1-Dichloroethene	4.061	96	109374	47.612	ug/l	88
14) Allyl chloride	4.714	41	187760	50.636	ug/l	89
15) Acrylonitrile	5.414	53	147488	281.078	ug/l	96
16) Acetone	4.156	43	133410	304.898	ug/l	99
17) Carbon Disulfide	4.409	76	302621	39.739	ug/l	98
18) Methyl Acetate	4.714	43	130115	106.940	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	322799	61.681	ug/l	100
20) Methylene Chloride	4.961	84	186345	68.630	ug/l	83
21) trans-1,2-Dichloroethene	5.467	96	142706	51.379	ug/l	94
22) Diisopropyl ether	6.361	45	450687	57.980	ug/l	91
23) Vinyl Acetate	6.361	43	407369m	98.251	ug/l	
24) 1,1-Dichloroethane	6.261	63	271493	54.414	ug/l	98
25) 2-Butanone	7.208	43	185196	289.296	ug/l	95
26) 2,2-Dichloropropane	7.203	77	181206	42.586	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	172905	56.260	ug/l	88
28) Bromochloromethane	7.538	49	107997	62.828	ug/l #	80
29) Tetrahydrofuran	7.555	42	124130	299.875	ug/l	92
30) Chloroform	7.702	83	299584	57.514	ug/l	99
31) Cyclohexane	7.979	56	161529	36.591	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	232377	51.007	ug/l	97
36) 1,1-Dichloropropene	8.108	75	177359	43.198	ug/l	94
37) Ethyl Acetate	7.285	43	45439	28.019	ug/l #	81
38) Carbon Tetrachloride	8.091	117	189670	45.573	ug/l	100
39) Methylcyclohexane	9.349	83	142131	31.062	ug/l	97
40) Benzene	8.344	78	608928	51.461	ug/l	99
41) Methacrylonitrile	7.514	41	36098	38.204	ug/l #	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.420	62	183718	55.799	ug/l	96
43) Isopropyl Acetate	8.444	43	107185	35.757	ug/l #	81
44) Trichloroethene	9.108	130	147745	46.823	ug/l	97
45) 1,2-Dichloropropane	9.379	63	165176	55.429	ug/l	95
46) Dibromomethane	9.467	93	89424	54.638	ug/l	97
47) Bromodichloromethane	9.655	83	228698	54.612	ug/l	99
48) Methyl methacrylate	9.449	41	86966	57.665	ug/l #	85
49) 1,4-Dioxane	9.449	88	20527	1214.490	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	449189	288.517	ug/l	94
52) Toluene	10.396	92	368128	49.232	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	185474	49.025	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	224245	49.531	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	124293	56.160	ug/l	99
56) Ethyl methacrylate	10.649	69	85249	34.644	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	207211	55.799	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	301274	257.033	ug/l	96
59) 2-Hexanone	10.973	43	275691	268.591	ug/l	93
60) Dibromochloromethane	11.132	129	151847	55.023	ug/l	99
61) 1,2-Dibromoethane	11.232	107	113737	53.780	ug/l	97
64) Tetrachloroethene	10.867	164	130442	52.534	ug/l	94
65) Chlorobenzene	11.661	112	372807	47.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	158375	54.909	ug/l	99
67) Ethyl Benzene	11.732	91	619614	45.385	ug/l	98
68) m/p-Xylenes	11.843	106	492043	92.765	ug/l	98
69) o-Xylene	12.167	106	233070	47.832	ug/l	96
70) Styrene	12.185	104	417312	49.779	ug/l	97
71) Bromoform	12.349	173	81282	54.756	ug/l #	98
73) Isopropylbenzene	12.467	105	541965	49.671	ug/l	99
74) N-amyl acetate	12.279	43	54491	22.893	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	130480	64.840	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	90964m	60.573	ug/l	
77) Bromobenzene	12.749	156	142129	55.336	ug/l	95
78) n-propylbenzene	12.808	91	646308	47.183	ug/l	99
79) 2-Chlorotoluene	12.896	91	398625	50.401	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	460415	49.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	35333	56.485	ug/l	85
82) 4-Chlorotoluene	12.990	91	421486	50.843	ug/l	100
83) tert-Butylbenzene	13.208	119	379345	48.698	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	457718	50.128	ug/l	98
85) sec-Butylbenzene	13.385	105	515137	43.310	ug/l	98
86) p-Isopropyltoluene	13.502	119	419981	43.316	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	249469	48.187	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	246083	47.088	ug/l	99
89) n-Butylbenzene	13.826	91	340840	36.894	ug/l	99
90) Hexachloroethane	14.096	117	93423	46.567	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	225549	50.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18225	59.140	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	86138	33.871	ug/l	99
94) Hexachlorobutadiene	15.243	225	43228	30.165	ug/l	97
95) Naphthalene	15.379	128	201340	40.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	77307	34.290	ug/l	99

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

