

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073860.D
 Acq On : 19 Jul 2022 14:40
 Operator : VA/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 19 15:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	129958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	226940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	201877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	96648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79304	51.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.200%			
35) Dibromofluoromethane	7.908	113	82047	51.247	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.500%			
50) Toluene-d8	10.332	98	304319	52.360	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.720%			
62) 4-Bromofluorobenzene	12.620	95	103868	51.978	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	26872	21.467	ug/l	99
3) Chloromethane	2.203	50	55201	25.956	ug/l	96
4) Vinyl Chloride	2.344	62	62148	20.749	ug/l	98
5) Bromomethane	2.756	94	32974	16.287	ug/l	85
6) Chloroethane	2.909	64	43184	21.390	ug/l	94
7) Trichlorofluoromethane	3.262	101	53734	20.062	ug/l	99
8) Diethyl Ether	3.703	74	13000	19.786	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.079	101	32322	21.748	ug/l	99
10) Methyl Iodide	4.285	142	27541	18.812	ug/l	93
11) Tert butyl alcohol	5.226	59	7140	56.074	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	29512	22.347	ug/l	85
13) Acrolein	3.915	56	6915	95.996	ug/l	96
14) Allyl chloride	4.709	41	39032	20.248	ug/l #	85
15) Acrylonitrile	5.414	53	25584	95.407	ug/l #	90
16) Acetone	4.162	43	22367	87.837	ug/l #	81
17) Carbon Disulfide	4.403	76	91986	21.798	ug/l	98
18) Methyl Acetate	4.714	43	13641	20.807	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	65570	20.728	ug/l	94
20) Methylene Chloride	4.962	84	55015	24.591	ug/l	84
21) trans-1,2-Dichloroethene	5.461	96	34059	21.815	ug/l	86
22) Diisopropyl ether	6.361	45	84457	20.588	ug/l	94
23) Vinyl Acetate	6.297	43	187879	83.908	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	56315	20.784	ug/l	97
25) 2-Butanone	7.203	43	32558	90.082	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	51550	21.425	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	37669	21.431	ug/l	90
28) Bromochloromethane	7.538	49	19280	18.966	ug/l #	76
29) Tetrahydrofuran	7.556	42	20083	91.637	ug/l #	84
30) Chloroform	7.703	83	63798	21.392	ug/l	95
31) Cyclohexane	7.979	56	51865	21.034	ug/l #	93
32) 1,1,1-Trichloroethane	7.891	97	59690	21.513	ug/l	96
36) 1,1-Dichloropropene	8.103	75	48097	20.824	ug/l	99
37) Ethyl Acetate	7.291	43	16565	19.946	ug/l #	95
38) Carbon Tetrachloride	8.091	117	48866	18.526	ug/l	99
39) Methylcyclohexane	9.344	83	54842	20.370	ug/l	93
40) Benzene	8.344	78	129524	20.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	9011	17.460	ug/l #	90
42) 1,2-Dichloroethane	8.414	62	37601	19.551	ug/l	98
43) Isopropyl Acetate	8.444	43	30698	18.496	ug/l #	87
44) Trichloroethene	9.108	130	37165	21.192	ug/l	89
45) 1,2-Dichloropropane	9.373	63	31241	20.569	ug/l	92
46) Dibromomethane	9.467	93	18104	19.651	ug/l	99
47) Bromodichloromethane	9.655	83	46936	19.677	ug/l #	90
48) Methyl methacrylate	9.444	41	15884	19.520	ug/l	91
49) 1,4-Dioxane	9.455	88	3919	406.546	ug/l	96
51) 4-Methyl-2-Pentanone	10.214	43	76083	91.697	ug/l	93
52) Toluene	10.397	92	87753	20.749	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	42434	20.151	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	48534	19.918	ug/l	91
55) 1,1,2-Trichloroethane	10.785	97	23651	20.181	ug/l	92
56) Ethyl methacrylate	10.649	69	24757	18.247	ug/l	91
57) 1,3-Dichloropropane	10.932	76	39206	19.671	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	40421	55.716	ug/l	94
59) 2-Hexanone	10.973	43	51983	91.689	ug/l	96
60) Dibromochloromethane	11.132	129	30240	19.048	ug/l	97
61) 1,2-Dibromoethane	11.238	107	22152	18.682	ug/l	98
64) Tetrachloroethene	10.867	164	33398	24.805	ug/l	96
65) Chlorobenzene	11.661	112	89523	21.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	32880	20.809	ug/l	97
67) Ethyl Benzene	11.732	91	163535	21.303	ug/l	96
68) m/p-Xylenes	11.844	106	128880	42.952	ug/l	98
69) o-Xylene	12.167	106	59176	21.065	ug/l	94
70) Styrene	12.185	104	99769	20.774	ug/l	97
71) Bromoform	12.349	173	15943	18.647	ug/l #	92
73) Isopropylbenzene	12.467	105	159247	21.755	ug/l	98
74) N-amyl acetate	12.279	43	29158	20.194	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	25927	20.492	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	17127m	16.516	ug/l	
77) Bromobenzene	12.743	156	34381	21.134	ug/l	88
78) n-propylbenzene	12.808	91	201233	22.534	ug/l	100
79) 2-Chlorotoluene	12.891	91	112130	22.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	134062	21.726	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	7961	20.716	ug/l	91
82) 4-Chlorotoluene	12.991	91	116964	22.078	ug/l	97
83) tert-Butylbenzene	13.208	119	112906	21.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	134235	21.841	ug/l	100
85) sec-Butylbenzene	13.385	105	174526	21.938	ug/l	99
86) p-Isopropyltoluene	13.496	119	147644	22.040	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	74499	21.868	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	73428	21.805	ug/l	99
89) n-Butylbenzene	13.826	91	143968	22.636	ug/l	99
90) Hexachloroethane	14.096	117	23626	17.848	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	61780	20.989	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3834	18.046	ug/l	82
93) 1,2,4-Trichlorobenzene	15.143	180	38141	21.226	ug/l	97
94) Hexachlorobutadiene	15.249	225	21011	22.064	ug/l	96
95) Naphthalene	15.379	128	66304	20.528	ug/l	97
96) 1,2,3-Trichlorobenzene	15.573	180	32224	21.092	ug/l	99

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

