

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073881.D
 Acq On : 20 Jul 2022 16:02
 Operator : VA/SY
 Sample : VD0720SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 01:10:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	121467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	217385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	99976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	89259	61.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.080%			
35) Dibromofluoromethane	7.903	113	87093	56.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.580%			
50) Toluene-d8	10.326	98	307049	55.152	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.300%			
62) 4-Bromofluorobenzene	12.614	95	109227	57.062	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	23767	20.197	ug/l	98
3) Chloromethane	2.209	50	48981	24.328	ug/l	93
4) Vinyl Chloride	2.344	62	59828	21.371	ug/l	97
5) Bromomethane	2.744	94	34915	18.451	ug/l	94
6) Chloroethane	2.903	64	40655	21.545	ug/l	96
7) Trichlorofluoromethane	3.256	101	63152	25.226	ug/l	96
8) Diethyl Ether	3.709	74	15280	24.882	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.073	101	29142	20.979	ug/l	97
10) Methyl Iodide	4.291	142	32342	23.636	ug/l	99
11) Tert butyl alcohol	5.232	59	10819	118.178	ug/l #	88
12) 1,1-Dichloroethene	4.056	96	29481	23.884	ug/l	81
13) Acrolein	3.915	56	6885	102.260	ug/l	96
14) Allyl chloride	4.703	41	38009	21.096	ug/l #	85
15) Acrylonitrile	5.403	53	32039	127.831	ug/l	98
16) Acetone	4.162	43	31266	131.367	ug/l	98
17) Carbon Disulfide	4.403	76	82599	20.942	ug/l	100
18) Methyl Acetate	4.715	43	17949	30.679	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	72378	24.479	ug/l	98
20) Methylene Chloride	4.950	84	53344	26.157	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	33403	22.891	ug/l	85
22) Diisopropyl ether	6.356	45	88122	22.984	ug/l #	93
23) Vinyl Acetate	6.303	43	245483	117.298	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	56805	22.431	ug/l	98
25) 2-Butanone	7.208	43	43364	128.367	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	51291	22.807	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	38509	23.441	ug/l	89
28) Bromochloromethane	7.538	49	20849	21.943	ug/l #	75
29) Tetrahydrofuran	7.556	42	25872	126.304	ug/l #	83
30) Chloroform	7.697	83	65967	23.665	ug/l	99
31) Cyclohexane	7.973	56	45800	19.872	ug/l #	92
32) 1,1,1-Trichloroethane	7.891	97	58663	22.621	ug/l	95
36) 1,1-Dichloropropene	8.108	75	45310	20.480	ug/l	97
37) Ethyl Acetate	7.285	43	21077	26.494	ug/l	97
38) Carbon Tetrachloride	8.091	117	45796	18.125	ug/l	98
39) Methylcyclohexane	9.344	83	49037	19.014	ug/l	94
40) Benzene	8.344	78	128693	21.380	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	8239	16.666	ug/l #	67
42) 1,2-Dichloroethane	8.420	62	42312	22.968	ug/l	100
43) Isopropyl Acetate	8.444	43	37312	23.470	ug/l #	88
44) Trichloroethene	9.102	130	37847	22.529	ug/l	90
45) 1,2-Dichloropropane	9.379	63	31620	21.733	ug/l	89
46) Dibromomethane	9.461	93	21687	24.574	ug/l	95
47) Bromodichloromethane	9.650	83	49897	21.837	ug/l #	92
48) Methyl methacrylate	9.450	41	15772	20.235	ug/l #	71
49) 1,4-Dioxane	9.455	88	4155	449.974	ug/l	96
51) 4-Methyl-2-Pentanone	10.214	43	96417	121.311	ug/l	97
52) Toluene	10.391	92	84550	20.871	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	45197	22.406	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	51082	21.886	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	26228	23.364	ug/l	95
56) Ethyl methacrylate	10.649	69	30067	23.135	ug/l	90
57) 1,3-Dichloropropane	10.932	76	44328	23.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	54738	78.767	ug/l	93
59) 2-Hexanone	10.973	43	66668	122.759	ug/l	97
60) Dibromochloromethane	11.126	129	35021	23.029	ug/l	97
61) 1,2-Dibromoethane	11.232	107	26171	23.042	ug/l	97
64) Tetrachloroethene	10.867	164	32539	24.361	ug/l	97
65) Chlorobenzene	11.655	112	91815	22.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	34912	22.272	ug/l	100
67) Ethyl Benzene	11.732	91	161163	21.162	ug/l	97
68) m/p-Xylenes	11.838	106	126406	42.465	ug/l	98
69) o-Xylene	12.167	106	60819	21.823	ug/l	95
70) Styrene	12.179	104	104117	21.853	ug/l	98
71) Bromoform	12.349	173	19321	22.779	ug/l #	92
73) Isopropylbenzene	12.467	105	153908	20.325	ug/l	98
74) N-amyl acetate	12.273	43	34458	23.070	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	32145	24.561	ug/l	93
76) 1,2,3-Trichloropropane	12.767	75	23112m	21.546	ug/l	
77) Bromobenzene	12.743	156	36926	21.942	ug/l	92
78) n-propylbenzene	12.808	91	189387	20.502	ug/l	99
79) 2-Chlorotoluene	12.891	91	111647	21.545	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	135513	21.230	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	8791	22.114	ug/l	92
82) 4-Chlorotoluene	12.991	91	118489	21.621	ug/l	98
83) tert-Butylbenzene	13.208	119	113851	20.862	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	137605	21.644	ug/l	99
85) sec-Butylbenzene	13.385	105	169192	20.560	ug/l	97
86) p-Isopropyltoluene	13.496	119	142397	20.550	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	77576	22.013	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	78510	22.538	ug/l	99
89) n-Butylbenzene	13.826	91	134041	20.374	ug/l	100
90) Hexachloroethane	14.096	117	23632	17.259	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	68017	22.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5410	24.616	ug/l	92
93) 1,2,4-Trichlorobenzene	15.137	180	40301	21.681	ug/l	99
94) Hexachlorobutadiene	15.243	225	20188	20.494	ug/l	98
95) Naphthalene	15.373	128	80178	23.998	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	36385	23.023	ug/l	99

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

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