

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073804.D
 Acq On : 07 Jul 2022 13:00
 Operator : VA/SY
 Sample : VD0707SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 06:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	105433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	205434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	191170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	86642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	55160	42.521	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.040%		
35) Dibromofluoromethane	7.903	113	55347	43.908	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.820%		
50) Toluene-d8	10.332	98	175756	41.159	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	82.320%#		
62) 4-Bromofluorobenzene	12.620	95	75166	42.824	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	85.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	16662	26.195	ug/l	100
3) Chloromethane	2.209	50	21012	23.950	ug/l	99
4) Vinyl Chloride	2.344	62	25379	23.604	ug/l	100
5) Bromomethane	2.744	94	18393	22.924	ug/l	100
6) Chloroethane	2.909	64	19119	22.144	ug/l #	87
7) Trichlorofluoromethane	3.256	101	39023	22.133	ug/l	86
8) Diethyl Ether	3.715	74	11708	21.682	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	23593	21.645	ug/l	98
10) Methyl Iodide	4.291	142	16156	22.537	ug/l	97
11) Tert butyl alcohol	5.191	59	36101	81.534	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	18827	21.782	ug/l	90
13) Acrolein	3.926	56	6159	79.551	ug/l	93
14) Allyl chloride	4.697	41	34859	21.348	ug/l	99
15) Acrylonitrile	5.415	53	32253	104.336	ug/l	98
16) Acetone	4.156	43	28015	107.793	ug/l	91
17) Carbon Disulfide	4.403	76	31892	24.407	ug/l #	95
18) Methyl Acetate	4.715	43	18170	22.967	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	66150	20.757	ug/l	99
20) Methylene Chloride	4.950	84	33299	12.148	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	22380	21.768	ug/l	98
22) Diisopropyl ether	6.356	45	89452	21.240	ug/l	91
23) Vinyl Acetate	6.297	43	237014	105.059	ug/l	97
24) 1,1-Dichloroethane	6.256	63	49161	20.788	ug/l	99
25) 2-Butanone	7.203	43	40976	96.152	ug/l	97
26) 2,2-Dichloropropane	7.203	77	47925	21.746	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	31569	21.797	ug/l	96
28) Bromochloromethane	7.538	49	18938	20.562	ug/l	98
29) Tetrahydrofuran	7.556	42	26330	104.680	ug/l	95
30) Chloroform	7.703	83	55804	21.271	ug/l	99
31) Cyclohexane	7.973	56	34820	22.498	ug/l #	93
32) 1,1,1-Trichloroethane	7.897	97	47476	21.384	ug/l	97
36) 1,1-Dichloropropene	8.103	75	35132	21.785	ug/l	95
37) Ethyl Acetate	7.291	43	20216	21.019	ug/l	97
38) Carbon Tetrachloride	8.085	117	39154	21.356	ug/l	94
39) Methylcyclohexane	9.344	83	36130	21.698	ug/l	94
40) Benzene	8.344	78	99356	20.839	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	10340	19.560	ug/l	96
42) 1,2-Dichloroethane	8.414	62	35381	21.563	ug/l	99
43) Isopropyl Acetate	8.444	43	38419	19.823	ug/l	98
44) Trichloroethene	9.103	130	25942	20.466	ug/l	100
45) 1,2-Dichloropropane	9.379	63	28562	20.845	ug/l	91
46) Dibromomethane	9.467	93	15645	19.931	ug/l	95
47) Bromodichloromethane	9.655	83	44293	20.854	ug/l #	96
48) Methyl methacrylate	9.450	41	17336	19.625	ug/l	98
49) 1,4-Dioxane	9.461	88	3603	368.890	ug/l #	79
51) 4-Methyl-2-Pentanone	10.220	43	101061	99.839	ug/l	99
52) Toluene	10.391	92	66474	21.076	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	39544	20.144	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	44709	20.549	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	23349	21.217	ug/l	95
56) Ethyl methacrylate	10.655	69	29031	20.664	ug/l	98
57) 1,3-Dichloropropane	10.938	76	39062	20.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	53950	97.181	ug/l	98
59) 2-Hexanone	10.973	43	69738	103.301	ug/l	98
60) Dibromochloromethane	11.132	129	27484	20.244	ug/l	96
61) 1,2-Dibromoethane	11.238	107	21642	21.369	ug/l	90
64) Tetrachloroethene	10.867	164	19766	21.314	ug/l	92
65) Chlorobenzene	11.661	112	74450	20.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	28447	20.223	ug/l	98
67) Ethyl Benzene	11.732	91	135566	20.474	ug/l	99
68) m/p-Xylenes	11.844	106	101237	40.420	ug/l	98
69) o-Xylene	12.167	106	49439	20.506	ug/l	98
70) Styrene	12.185	104	85172	20.122	ug/l	98
71) Bromoform	12.349	173	14654	20.298	ug/l #	99
73) Isopropylbenzene	12.467	105	134305	20.139	ug/l	100
74) N-amyl acetate	12.279	43	37066	19.693	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	29284	21.132	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	20233m	21.449	ug/l	
77) Bromobenzene	12.749	156	27967	20.147	ug/l	97
78) n-propylbenzene	12.808	91	173112	20.708	ug/l	98
79) 2-Chlorotoluene	12.896	91	95984	20.296	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	112967	20.271	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	7887	18.679	ug/l	88
82) 4-Chlorotoluene	12.991	91	102654	20.588	ug/l	99
83) tert-Butylbenzene	13.208	119	104143	21.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	113043	20.490	ug/l	98
85) sec-Butylbenzene	13.385	105	152068	20.119	ug/l	99
86) p-Isopropyltoluene	13.502	119	122647	20.350	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	60247	20.679	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	57971	19.662	ug/l	95
89) n-Butylbenzene	13.826	91	128531	21.106	ug/l	98
90) Hexachloroethane	14.096	117	24833	20.445	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	52523	20.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	4756	20.638	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	30434	20.644	ug/l	98
94) Hexachlorobutadiene	15.249	225	14395	20.252	ug/l	100
95) Naphthalene	15.379	128	64950	19.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	25551	19.615	ug/l	96

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

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