

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073478.D
 Acq On : 06 Jun 2022 16:49
 Operator : VA/SY
 Sample : VD0606SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0606SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 01:13:20 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	7.967	168	305427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	493840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	473776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	249037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	159287	47.191	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.380%			
35) Dibromofluoromethane	7.903	113	172383	52.900	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.800%			
50) Toluene-d8	10.332	98	608232	50.634	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.620	95	229776	54.506	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	58271	19.093	ug/l	99
3) Chloromethane	2.209	50	53002	15.358	ug/l	99
4) Vinyl Chloride	2.344	62	52200	16.542	ug/l	96
5) Bromomethane	2.744	94	37690	15.876	ug/l	94
6) Chloroethane	2.903	64	34913	17.997	ug/l	99
7) Trichlorofluoromethane	3.262	101	113587	20.357	ug/l	95
8) Diethyl Ether	3.703	74	28566	18.631	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.079	101	68363	20.534	ug/l	93
10) Methyl Iodide	4.291	142	55734	15.516	ug/l	98
11) Tert butyl alcohol	5.214	59	24021	45.868	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	57827	18.840	ug/l	83
13) Acrolein	3.914	56	14479	56.255	ug/l	99
14) Allyl chloride	4.703	41	85612	17.279	ug/l #	91
15) Acrylonitrile	5.414	53	67357	96.070	ug/l	96
16) Acetone	4.150	43	52987	90.630	ug/l	92
17) Carbon Disulfide	4.397	76	159013	15.627	ug/l	99
18) Methyl Acetate	4.714	43	32866	20.216	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	138463	19.801	ug/l	96
20) Methylene Chloride	4.950	84	83340	20.084	ug/l #	82
21) trans-1,2-Dichloroethene	5.461	96	66954	18.041	ug/l	85
22) Diisopropyl ether	6.356	45	193806	18.660	ug/l #	94
23) Vinyl Acetate	6.297	43	483813	87.330	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	126740	19.011	ug/l	98
25) 2-Butanone	7.208	43	75959	88.802	ug/l	91
26) 2,2-Dichloropropane	7.197	77	108276	19.044	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	76853	18.715	ug/l	90
28) Bromochloromethane	7.538	49	38963	16.964	ug/l #	74
29) Tetrahydrofuran	7.555	42	49214	88.979	ug/l #	88
30) Chloroform	7.703	83	135012	19.398	ug/l	99
31) Cyclohexane	7.979	56	102904	17.446	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	119879	19.693	ug/l	95
36) 1,1-Dichloropropene	8.103	75	96517	19.693	ug/l	95
37) Ethyl Acetate	7.291	43	36209	18.704	ug/l #	94
38) Carbon Tetrachloride	8.091	117	105168	21.169	ug/l	94
39) Methylcyclohexane	9.350	83	105018	19.227	ug/l	99
40) Benzene	8.344	78	282090	19.971	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	21280	18.867	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	81301	20.686	ug/l	95
43) Isopropyl Acetate	8.444	43	69924	19.542	ug/l #	91
44) Trichloroethene	9.108	130	77756	20.644	ug/l	95
45) 1,2-Dichloropropane	9.379	63	69657	19.582	ug/l	97
46) Dibromomethane	9.467	93	38576	19.746	ug/l	95
47) Bromodichloromethane	9.649	83	102290	20.463	ug/l	95
48) Methyl methacrylate	9.450	41	30715	17.062	ug/l #	78
49) 1,4-Dioxane	9.455	88	8623	427.401	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	187641	100.967	ug/l	93
52) Toluene	10.397	92	188370	21.104	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	92871	20.565	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	109783	20.314	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	56695	21.460	ug/l	94
56) Ethyl methacrylate	10.649	69	59620	20.297	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	90552	20.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	135330	110.208	ug/l	95
59) 2-Hexanone	10.973	43	122448	99.938	ug/l	93
60) Dibromochloromethane	11.126	129	72787	22.096	ug/l	95
61) 1,2-Dibromoethane	11.238	107	53601	21.233	ug/l	97
64) Tetrachloroethene	10.867	164	64173	20.680	ug/l	95
65) Chlorobenzene	11.661	112	203418	20.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	80398	22.304	ug/l	96
67) Ethyl Benzene	11.732	91	345268	20.236	ug/l	100
68) m/p-Xylenes	11.844	106	278492	42.012	ug/l	99
69) o-Xylene	12.167	106	123910	20.348	ug/l	96
70) Styrene	12.185	104	220915	21.086	ug/l	98
71) Bromoform	12.349	173	42813	23.077	ug/l #	98
73) Isopropylbenzene	12.467	105	345873	19.482	ug/l	99
74) N-amyl acetate	12.279	43	69957	18.063	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	66446	20.293	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	42160m	17.254	ug/l	
77) Bromobenzene	12.749	156	82280	19.688	ug/l	89
78) n-propylbenzene	12.808	91	437272	19.619	ug/l	99
79) 2-Chlorotoluene	12.896	91	248878	19.339	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	307889	20.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20078	19.726	ug/l	87
82) 4-Chlorotoluene	12.991	91	268767	19.925	ug/l	97
83) tert-Butylbenzene	13.208	119	245089	19.337	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	295856	19.913	ug/l	98
85) sec-Butylbenzene	13.385	105	387126	20.003	ug/l	99
86) p-Isopropyltoluene	13.502	119	320648	20.325	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	172559	20.485	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	172485	20.284	ug/l	98
89) n-Butylbenzene	13.826	91	298626	19.866	ug/l	98
90) Hexachloroethane	14.096	117	65148	19.957	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	151311	20.760	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	9759	19.462	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	84592	20.443	ug/l	97
94) Hexachlorobutadiene	15.249	225	51980	22.292	ug/l	97
95) Naphthalene	15.379	128	144629	20.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	78670	21.445	ug/l	97

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

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