

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073463.D
 Acq On : 02 Jun 2022 11:03
 Operator : VA/SY
 Sample : VD0602SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 03 01:28:14 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	338709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	559864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	169125	45.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.360%			
35) Dibromofluoromethane	7.909	113	184910	50.052	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.100%			
50) Toluene-d8	10.332	98	665086	48.838	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.680%			
62) 4-Bromofluorobenzene	12.620	95	248503	51.997	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	57826	17.086	ug/l	100
3) Chloromethane	2.209	50	56799	14.841	ug/l	99
4) Vinyl Chloride	2.344	62	55293	15.800	ug/l	96
5) Bromomethane	2.750	94	43378	16.643	ug/l	96
6) Chloroethane	2.909	64	37111	17.251	ug/l	95
7) Trichlorofluoromethane	3.268	101	114387	18.486	ug/l	98
8) Diethyl Ether	3.709	74	28820	16.950	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	66310	17.960	ug/l	94
10) Methyl Iodide	4.297	142	53653	13.469	ug/l	98
11) Tert butyl alcohol	5.203	59	33538	57.748	ug/l #	82
12) 1,1-Dichloroethene	4.056	96	58703	17.246	ug/l	90
13) Acrolein	3.926	56	16893	60.180	ug/l	96
14) Allyl chloride	4.709	41	88899	16.180	ug/l #	90
15) Acrylonitrile	5.415	53	68542	88.154	ug/l	98
16) Acetone	4.156	43	58348	89.993	ug/l	96
17) Carbon Disulfide	4.403	76	167215	14.819	ug/l #	94
18) Methyl Acetate	4.709	43	35024	19.426	ug/l	96
19) Methyl tert-butyl Ether	5.468	73	134071	17.289	ug/l	96
20) Methylene Chloride	4.968	84	85708	18.310	ug/l #	78
21) trans-1,2-Dichloroethene	5.473	96	70592	17.152	ug/l #	83
22) Diisopropyl ether	6.356	45	201738	17.515	ug/l #	96
23) Vinyl Acetate	6.303	43	498571	81.151	ug/l #	87
24) 1,1-Dichloroethane	6.262	63	130253	17.618	ug/l	98
25) 2-Butanone	7.203	43	81533	85.953	ug/l	93
26) 2,2-Dichloropropane	7.197	77	113623	18.021	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	79644	17.489	ug/l	92
28) Bromochloromethane	7.544	49	40684	15.973	ug/l #	79
29) Tetrahydrofuran	7.562	42	49666	80.973	ug/l #	87
30) Chloroform	7.703	83	142433	18.453	ug/l	100
31) Cyclohexane	7.973	56	107514	16.436	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	123375	18.276	ug/l	95
36) 1,1-Dichloropropene	8.103	75	98489	17.726	ug/l	94
37) Ethyl Acetate	7.291	43	36855	16.793	ug/l #	93
38) Carbon Tetrachloride	8.091	117	107536	19.093	ug/l	88
39) Methylcyclohexane	9.350	83	109496	17.683	ug/l	99
40) Benzene	8.344	78	288609	18.023	ug/l	98

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41) Methacrylonitrile	7.509	41	22837	17.860	ug/l	91
42) 1,2-Dichloroethane	8.414	62	83242	18.682	ug/l	96
43) Isopropyl Acetate	8.444	43	72138	17.783	ug/l #	91
44) Trichloroethene	9.109	130	81280	19.034	ug/l	86
45) 1,2-Dichloropropane	9.379	63	74114	18.378	ug/l	95
46) Dibromomethane	9.467	93	40164	18.134	ug/l	94
47) Bromodichloromethane	9.656	83	105844	18.677	ug/l	100
48) Methyl methacrylate	9.450	41	32876	16.108	ug/l #	78
49) 1,4-Dioxane	9.456	88	8372	366.025	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	193330	91.760	ug/l	96
52) Toluene	10.397	92	191944	18.969	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	94482	18.454	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	112997	18.443	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	57962	19.353	ug/l	99
56) Ethyl methacrylate	10.656	69	60435	18.148	ug/l	86
57) 1,3-Dichloropropane	10.938	76	94969	18.898	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	147409	106.735	ug/l	95
59) 2-Hexanone	10.973	43	127489	91.781	ug/l	94
60) Dibromochloromethane	11.132	129	74073	19.834	ug/l	96
61) 1,2-Dibromoethane	11.238	107	55759	19.483	ug/l	100
64) Tetrachloroethene	10.867	164	67236	18.797	ug/l	96
65) Chlorobenzene	11.661	112	208190	18.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	79671	19.175	ug/l	98
67) Ethyl Benzene	11.732	91	358746	18.241	ug/l	99
68) m/p-Xylenes	11.844	106	292666	38.303	ug/l	96
69) o-Xylene	12.167	106	131330	18.710	ug/l	93
70) Styrene	12.185	104	229699	19.020	ug/l	97
71) Bromoform	12.350	173	42618	19.930	ug/l #	99
73) Isopropylbenzene	12.467	105	349125	17.570	ug/l	98
74) N-amyl acetate	12.279	43	70336	16.226	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	66066	18.027	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	46149m	16.874	ug/l	
77) Bromobenzene	12.750	156	85083	18.190	ug/l	91
78) n-propylbenzene	12.808	91	447648	17.945	ug/l	98
79) 2-Chlorotoluene	12.897	91	256500	17.808	ug/l	96
80) 1,3,5-Trimethylbenzene	12.950	105	307354	18.260	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	19195	16.850	ug/l	87
82) 4-Chlorotoluene	12.991	91	273687	18.128	ug/l	100
83) tert-Butylbenzene	13.208	119	252879	17.826	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	307230	18.476	ug/l	99
85) sec-Butylbenzene	13.391	105	402506	18.582	ug/l	100
86) p-Isopropyltoluene	13.502	119	325833	18.453	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	178374	18.919	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	174000	18.282	ug/l	98
89) n-Butylbenzene	13.826	91	306541	18.220	ug/l	99
90) Hexachloroethane	14.097	117	67051	18.352	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	152628	18.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	10131	18.052	ug/l	87
93) 1,2,4-Trichlorobenzene	15.144	180	86513	18.680	ug/l	99
94) Hexachlorobutadiene	15.249	225	49330	18.902	ug/l	96
95) Naphthalene	15.385	128	144241	18.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	77230	18.810	ug/l	100

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

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