

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072555.D
 Acq On : 08 Apr 2022 12:35
 Operator : VA/SY
 Sample : VD0408SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBS01

Quant Time: Apr 09 00:34:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	359225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	586328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	217423	50.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.908	113	234235	51.406	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.820%			
50) Toluene-d8	10.332	98	798332	50.403	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.620	95	327325	52.915	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	51195	17.957	ug/l	96
3) Chloromethane	2.209	50	44741	16.967	ug/l	98
4) Vinyl Chloride	2.350	62	48535	16.659	ug/l	96
5) Bromomethane	2.750	94	36022	17.727	ug/l #	76
6) Chloroethane	2.909	64	35847	18.457	ug/l	96
7) Trichlorofluoromethane	3.262	101	120133	19.414	ug/l	99
8) Diethyl Ether	3.709	74	35322	19.208	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.091	101	85293	20.667	ug/l	98
10) Methyl Iodide	4.297	142	51667	16.160	ug/l	99
11) Tert butyl alcohol	5.203	59	28549	124.406	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	58425	18.108	ug/l	90
13) Acrolein	3.915	56	10682	104.894	ug/l	90
14) Allyl chloride	4.709	41	94717	17.468	ug/l #	91
15) Acrylonitrile	5.420	53	95990	104.375	ug/l	96
16) Acetone	4.156	43	81472	100.546	ug/l #	81
17) Carbon Disulfide	4.403	76	77431	13.903	ug/l #	95
18) Methyl Acetate	4.709	43	54697	23.961	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	195950	20.807	ug/l	97
20) Methylene Chloride	4.962	84	106735	22.126	ug/l #	82
21) trans-1,2-Dichloroethene	5.473	96	66160	17.301	ug/l	90
22) Diisopropyl ether	6.362	45	269077	20.757	ug/l #	94
23) Vinyl Acetate	6.309	43	598749	90.003	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	159772	20.454	ug/l	99
25) 2-Butanone	7.208	43	116096	103.596	ug/l	94
26) 2,2-Dichloropropane	7.203	77	146043	21.049	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	95041	19.401	ug/l	92
28) Bromochloromethane	7.544	49	71166	21.262	ug/l #	75
29) Tetrahydrofuran	7.556	42	67445	99.683	ug/l #	90
30) Chloroform	7.703	83	187708	21.362	ug/l	100
31) Cyclohexane	7.979	56	97189	17.104	ug/l #	86
32) 1,1,1-Trichloroethane	7.897	97	155700	20.891	ug/l	96
36) 1,1-Dichloropropene	8.114	75	104315	18.636	ug/l	96
37) Ethyl Acetate	7.285	43	50263	20.818	ug/l #	96
38) Carbon Tetrachloride	8.091	117	130990	20.867	ug/l	96
39) Methylcyclohexane	9.350	83	99661	16.727	ug/l	94
40) Benzene	8.344	78	321611	20.210	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	30433	22.511	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	102588	21.091	ug/l	94
43) Isopropyl Acetate	8.444	43	98281	21.221	ug/l #	92
44) Trichloroethene	9.108	130	90053	19.933	ug/l	94
45) 1,2-Dichloropropane	9.379	63	95307	21.530	ug/l	98
46) Dibromomethane	9.473	93	50299	21.657	ug/l	97
47) Bromodichloromethane	9.655	83	145283	21.774	ug/l	95
48) Methyl methacrylate	9.450	41	46472	20.668	ug/l #	85
49) 1,4-Dioxane	9.455	88	12267	444.020	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	269914	108.616	ug/l	91
52) Toluene	10.397	92	216756	20.503	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	125602	21.602	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	145659	21.189	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	81472	23.139	ug/l	96
56) Ethyl methacrylate	10.655	69	86553	20.707	ug/l #	80
57) 1,3-Dichloropropane	10.938	76	126179	21.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	207261	119.231	ug/l	93
59) 2-Hexanone	10.979	43	186686	110.473	ug/l	95
60) Dibromochloromethane	11.132	129	103376	22.761	ug/l	98
61) 1,2-Dibromoethane	11.238	107	70640	22.596	ug/l	98
64) Tetrachloroethene	10.873	164	71495	19.737	ug/l	95
65) Chlorobenzene	11.661	112	258507	20.855	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	115556	23.318	ug/l	96
67) Ethyl Benzene	11.738	91	426091	19.701	ug/l	99
68) m/p-Xylenes	11.844	106	333549	40.650	ug/l	100
69) o-Xylene	12.173	106	166706	21.057	ug/l	91
70) Styrene	12.185	104	297330	21.310	ug/l	96
71) Bromoform	12.349	173	61362	23.357	ug/l #	99
73) Isopropylbenzene	12.467	105	470999	19.662	ug/l	99
74) N-amyl acetate	12.279	43	99326	19.761	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	97386	21.463	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	69379m	21.446	ug/l	
77) Bromobenzene	12.749	156	111891	20.839	ug/l	90
78) n-propylbenzene	12.808	91	574341	19.874	ug/l	99
79) 2-Chlorotoluene	12.896	91	341326	20.196	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	411554	20.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	26469	20.077	ug/l #	87
82) 4-Chlorotoluene	12.996	91	355661	20.206	ug/l	99
83) tert-Butylbenzene	13.214	119	369257	20.790	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	414944	20.683	ug/l	100
85) sec-Butylbenzene	13.391	105	549903	20.554	ug/l	100
86) p-Isopropyltoluene	13.502	119	456998	20.898	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	234410	21.069	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	235068	20.963	ug/l	99
89) n-Butylbenzene	13.832	91	426007	20.450	ug/l	99
90) Hexachloroethane	14.096	117	94141	21.029	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	208437	21.241	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	15806	23.554	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	129929	21.361	ug/l	99
94) Hexachlorobutadiene	15.249	225	74844	21.967	ug/l	98
95) Naphthalene	15.385	128	231851	19.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	116708	21.984	ug/l	99

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

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