

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073509.D
 Acq On : 09 Jun 2022 14:53
 Operator : VA/SY
 Sample : VD0609SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0609SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 15:45:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	326616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	550863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	521006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	179458	51.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.400%	
35) Dibromofluoromethane	7.908	113	185890	52.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.332	98	704742	52.621	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	12.620	95	255143	52.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	71753	23.036	ug/l	96
3) Chloromethane	2.208	50	67675	21.186	ug/l	100
4) Vinyl Chloride	2.344	62	64649	21.585	ug/l	99
5) Bromomethane	2.744	94	47487	22.117	ug/l	99
6) Chloroethane	2.908	64	40464	21.201	ug/l	97
7) Trichlorofluoromethane	3.261	101	128833	21.952	ug/l	95
8) Diethyl Ether	3.702	74	34688	20.653	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.085	101	72984	21.744	ug/l	95
10) Methyl Iodide	4.291	142	73020	20.775	ug/l	99
11) Tert butyl alcohol	5.179	59	81592	106.260	ug/l #	75
12) 1,1-Dichloroethene	4.055	96	67039	21.035	ug/l	82
13) Acrolein	3.914	56	14895	96.487	ug/l	93
14) Allyl chloride	4.708	41	98362	20.732	ug/l #	90
15) Acrylonitrile	5.414	53	77330	102.529	ug/l	96
16) Acetone	4.155	43	60171	97.498	ug/l	94
17) Carbon Disulfide	4.397	76	215583	21.341	ug/l	97
18) Methyl Acetate	4.720	43	34766	20.805	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	154819	20.355	ug/l	95
20) Methylene Chloride	4.955	84	94656	22.693	ug/l #	86
21) trans-1,2-Dichloroethene	5.467	96	81321	21.094	ug/l #	80
22) Diisopropyl ether	6.361	45	213872	20.890	ug/l #	93
23) Vinyl Acetate	6.296	43	573206	103.204	ug/l #	91
24) 1,1-Dichloroethane	6.255	63	137954	21.021	ug/l	99
25) 2-Butanone	7.202	43	91149	100.376	ug/l	93
26) 2,2-Dichloropropane	7.202	77	122027	20.739	ug/l	98
27) cis-1,2-Dichloroethene	7.196	96	87549	21.007	ug/l	90
28) Bromochloromethane	7.538	49	48414	18.796	ug/l #	75
29) Tetrahydrofuran	7.555	42	57386	99.064	ug/l #	88
30) Chloroform	7.702	83	145134	20.699	ug/l	97
31) Cyclohexane	7.979	56	124593	21.102	ug/l #	87
32) 1,1,1-Trichloroethane	7.896	97	129392	20.944	ug/l	96
36) 1,1-Dichloropropene	8.102	75	110605	20.790	ug/l	97
37) Ethyl Acetate	7.285	43	42936	19.979	ug/l #	93
38) Carbon Tetrachloride	8.090	117	114050	20.492	ug/l	97
39) Methylcyclohexane	9.349	83	122055	19.687	ug/l	98
40) Benzene	8.343	78	317137	20.493	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	21551	18.497	ug/l #	83
42) 1,2-Dichloroethane	8.414	62	88488	20.681	ug/l	96
43) Isopropyl Acetate	8.443	43	81156	19.628	ug/l #	90
44) Trichloroethene	9.102	130	85401	19.814	ug/l	99
45) 1,2-Dichloropropane	9.379	63	79126	20.640	ug/l	98
46) Dibromomethane	9.467	93	42695	19.769	ug/l	94
47) Bromodichloromethane	9.655	83	108570	20.063	ug/l	97
48) Methyl methacrylate	9.449	41	37346	18.234	ug/l #	81
49) 1,4-Dioxane	9.455	88	9377	377.503	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	207339	99.102	ug/l	91
52) Toluene	10.396	92	207235	20.879	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	104444	20.579	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	123148	20.718	ug/l #	83
55) 1,1,2-Trichloroethane	10.790	97	59948	19.463	ug/l	96
56) Ethyl methacrylate	10.655	69	70529	19.986	ug/l #	84
57) 1,3-Dichloropropane	10.937	76	99651	19.863	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	142066	97.914	ug/l	91
59) 2-Hexanone	10.973	43	138910	96.949	ug/l	93
60) Dibromochloromethane	11.132	129	76330	20.079	ug/l	100
61) 1,2-Dibromoethane	11.237	107	59802	20.377	ug/l	99
64) Tetrachloroethene	10.867	164	73945	20.847	ug/l	99
65) Chlorobenzene	11.661	112	224997	20.989	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	82891	20.380	ug/l	98
67) Ethyl Benzene	11.731	91	382333	20.409	ug/l	98
68) m/p-Xylenes	11.843	106	306122	41.641	ug/l	98
69) o-Xylene	12.173	106	138185	20.428	ug/l	96
70) Styrene	12.184	104	241882	20.730	ug/l	97
71) Bromoform	12.349	173	44241	19.893	ug/l #	97
73) Isopropylbenzene	12.467	105	360839	20.216	ug/l	98
74) N-amyl acetate	12.278	43	77993	19.641	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	66622	19.661	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	57719m	23.072	ug/l	
77) Bromobenzene	12.749	156	90870	20.846	ug/l	89
78) n-propylbenzene	12.808	91	463682	20.870	ug/l	98
79) 2-Chlorotoluene	12.896	91	263802	20.426	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	324222	21.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	21638	20.301	ug/l	85
82) 4-Chlorotoluene	12.996	91	284007	20.860	ug/l	99
83) tert-Butylbenzene	13.208	119	260312	20.007	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	317482	20.663	ug/l	98
85) sec-Butylbenzene	13.384	105	403399	20.697	ug/l	98
86) p-Isopropyltoluene	13.502	119	336525	20.712	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	183064	20.566	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	180978	20.553	ug/l	99
89) n-Butylbenzene	13.825	91	311444	20.320	ug/l	98
90) Hexachloroethane	14.096	117	66552	19.779	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	158281	20.617	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10356	19.136	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	88588	19.269	ug/l	98
94) Hexachlorobutadiene	15.249	225	50679	20.096	ug/l	98
95) Naphthalene	15.378	128	158959	19.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	81978	20.421	ug/l	98

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VD0609SBSD01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

