

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073508.D
 Acq On : 09 Jun 2022 14:24
 Operator : VA/SY
 Sample : VD0609SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0609SBS01

Quant Time: Jun 09 17:32:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	332593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	560905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	527346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	175418	49.148	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.300%		
35) Dibromofluoromethane	7.903	113	178669	49.536	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.080%		
50) Toluene-d8	10.332	98	683043	50.087	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.620	95	248073	50.110	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	72061	22.719	ug/l	92
3) Chloromethane	2.209	50	69876	21.482	ug/l	99
4) Vinyl Chloride	2.344	62	63795	20.917	ug/l	95
5) Bromomethane	2.744	94	50092	22.911	ug/l	95
6) Chloroethane	2.903	64	41705	21.458	ug/l	96
7) Trichlorofluoromethane	3.256	101	129211	21.621	ug/l	98
8) Diethyl Ether	3.709	74	34796	20.345	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	73046	21.371	ug/l	95
10) Methyl Iodide	4.297	142	70566	19.929	ug/l	98
11) Tert butyl alcohol	5.173	59	79379	90.491	ug/l #	75
12) 1,1-Dichloroethene	4.056	96	67709	20.864	ug/l	82
13) Acrolein	3.915	56	14973	95.249	ug/l	97
14) Allyl chloride	4.703	41	99186	20.530	ug/l #	91
15) Acrylonitrile	5.409	53	75328	98.080	ug/l	97
16) Acetone	4.150	43	58191	92.595	ug/l	90
17) Carbon Disulfide	4.403	76	226108	21.981	ug/l	99
18) Methyl Acetate	4.715	43	33196	19.594	ug/l	91
19) Methyl tert-butyl Ether	5.467	73	155633	20.094	ug/l	97
20) Methylene Chloride	4.950	84	95252	22.385	ug/l #	83
21) trans-1,2-Dichloroethene	5.462	96	82536	21.024	ug/l	89
22) Diisopropyl ether	6.362	45	220318	21.133	ug/l #	92
23) Vinyl Acetate	6.297	43	585850	103.585	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	139193	20.828	ug/l	99
25) 2-Butanone	7.203	43	90561	97.936	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	124301	20.746	ug/l	96
27) cis-1,2-Dichloroethene	7.197	96	90393	21.300	ug/l	88
28) Bromochloromethane	7.538	49	47046	17.937	ug/l #	71
29) Tetrahydrofuran	7.556	42	56688	96.101	ug/l	89
30) Chloroform	7.697	83	149555	20.946	ug/l	99
31) Cyclohexane	7.979	56	128283	21.336	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	131293	20.870	ug/l	96
36) 1,1-Dichloropropene	8.108	75	112341	20.738	ug/l	95
37) Ethyl Acetate	7.285	43	41031	18.751	ug/l #	91
38) Carbon Tetrachloride	8.091	117	119270	21.046	ug/l	99
39) Methylcyclohexane	9.350	83	126925	20.106	ug/l	97
40) Benzene	8.344	78	331074	21.010	ug/l	98

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41) Methacrylonitrile	7.514	41	25122	21.176	ug/l	92
42) 1,2-Dichloroethane	8.414	62	89592	20.564	ug/l	95
43) Isopropyl Acetate	8.444	43	80179	19.044	ug/l #	90
44) Trichloroethene	9.108	130	89120	20.306	ug/l	92
45) 1,2-Dichloropropane	9.379	63	81203	20.802	ug/l	94
46) Dibromomethane	9.467	93	42997	19.553	ug/l	93
47) Bromodichloromethane	9.655	83	113685	20.632	ug/l #	99
48) Methyl methacrylate	9.450	41	39290	18.840	ug/l #	84
49) 1,4-Dioxane	9.455	88	9666	382.171	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	205421	96.428	ug/l	90
52) Toluene	10.397	92	215925	21.365	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	107619	20.824	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	126335	20.873	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	64423	20.541	ug/l	94
56) Ethyl methacrylate	10.655	69	68787	19.143	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	101990	19.965	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	142884	96.715	ug/l	92
59) 2-Hexanone	10.973	43	141368	96.898	ug/l	94
60) Dibromochloromethane	11.132	129	78815	20.361	ug/l	98
61) 1,2-Dibromoethane	11.238	107	59580	19.938	ug/l	99
64) Tetrachloroethene	10.867	164	75589	21.054	ug/l	98
65) Chlorobenzene	11.661	112	227163	20.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	85824	20.847	ug/l	100
67) Ethyl Benzene	11.732	91	395018	20.833	ug/l	100
68) m/p-Xylenes	11.844	106	314602	42.280	ug/l	98
69) o-Xylene	12.167	106	144057	21.040	ug/l	97
70) Styrene	12.185	104	254781	21.573	ug/l	95
71) Bromoform	12.349	173	44628	19.825	ug/l #	96
73) Isopropylbenzene	12.467	105	379911	20.755	ug/l	99
74) N-amyl acetate	12.279	43	78497	19.277	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	69310	19.946	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	49108m	19.142	ug/l	
77) Bromobenzene	12.749	156	92888	20.779	ug/l	89
78) n-propylbenzene	12.808	91	474957	20.846	ug/l	99
79) 2-Chlorotoluene	12.896	91	276632	20.887	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	334982	21.219	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	20837	19.064	ug/l	86
82) 4-Chlorotoluene	12.991	91	292747	20.967	ug/l	100
83) tert-Butylbenzene	13.208	119	268243	20.104	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	328248	20.832	ug/l	99
85) sec-Butylbenzene	13.385	105	419371	20.981	ug/l	99
86) p-Isopropyltoluene	13.502	119	349375	20.969	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	189699	20.782	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	186881	20.695	ug/l	99
89) n-Butylbenzene	13.826	91	322378	20.510	ug/l	97
90) Hexachloroethane	14.096	117	69570	20.162	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	162559	20.648	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9956	17.940	ug/l	79
93) 1,2,4-Trichlorobenzene	15.143	180	95759	20.311	ug/l	99
94) Hexachlorobutadiene	15.249	225	51455	19.897	ug/l	96
95) Naphthalene	15.385	128	159456	19.515	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	83801	20.356	ug/l	99

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

