

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073609.D
 Acq On : 16 Jun 2022 11:13
 Operator : VA/SY
 Sample : VD0616SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0616SBS01

Quant Time: Jun 16 15:10:40 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 :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	269323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	448774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	438679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	226208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	174626	60.420	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.840%			
35) Dibromofluoromethane	7.914	113	170697	59.151	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.300%			
50) Toluene-d8	10.332	98	644204	59.043	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.080%			
62) 4-Bromofluorobenzene	12.620	95	237475	59.954	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	55858	21.748	ug/l	98
3) Chloromethane	2.209	50	52605	19.972	ug/l	95
4) Vinyl Chloride	2.344	62	49896	20.203	ug/l	97
5) Bromomethane	2.744	94	37850	21.379	ug/l	98
6) Chloroethane	2.909	64	31638	20.103	ug/l	98
7) Trichlorofluoromethane	3.267	101	104279	21.548	ug/l	99
8) Diethyl Ether	3.703	74	26206	18.922	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	61109	22.079	ug/l	94
10) Methyl Iodide	4.291	142	54194	19.116	ug/l	99
11) Tert butyl alcohol	5.173	59	69970	120.395	ug/l #	75
12) 1,1-Dichloroethene	4.061	96	51415	19.565	ug/l	85
13) Acrolein	3.909	56	9123	71.669	ug/l	98
14) Allyl chloride	4.708	41	74820	19.125	ug/l #	94
15) Acrylonitrile	5.414	53	62937	101.198	ug/l	95
16) Acetone	4.156	43	49196	96.672	ug/l #	88
17) Carbon Disulfide	4.403	76	161474	19.385	ug/l	98
18) Methyl Acetate	4.714	43	29626	21.455	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	126538	20.176	ug/l	99
20) Methylene Chloride	4.956	84	76423	22.147	ug/l #	81
21) trans-1,2-Dichloroethene	5.461	96	63828	20.078	ug/l	86
22) Diisopropyl ether	6.355	45	177595	21.037	ug/l #	93
23) Vinyl Acetate	6.297	43	452319	98.763	ug/l #	92
24) 1,1-Dichloroethane	6.255	63	114384	21.137	ug/l	97
25) 2-Butanone	7.202	43	73250	97.825	ug/l	94
26) 2,2-Dichloropropane	7.197	77	101709	20.964	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	72361	21.056	ug/l	90
28) Bromochloromethane	7.538	49	40599	19.115	ug/l #	69
29) Tetrahydrofuran	7.555	42	46155	96.626	ug/l #	84
30) Chloroform	7.702	83	127437	22.042	ug/l	95
31) Cyclohexane	7.979	56	94567	19.423	ug/l #	79
32) 1,1,1-Trichloroethane	7.897	97	113921	22.362	ug/l	93
36) 1,1-Dichloropropene	8.108	75	91361	21.079	ug/l	97
37) Ethyl Acetate	7.285	43	33141	18.929	ug/l #	90
38) Carbon Tetrachloride	8.085	117	98888	21.810	ug/l	98
39) Methylcyclohexane	9.349	83	96259	19.058	ug/l	98
40) Benzene	8.344	78	264530	20.982	ug/l	99

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41) Methacrylonitrile	7.520	41	21402	22.548	ug/l	94
42) 1,2-Dichloroethane	8.414	62	78287	22.459	ug/l	97
43) Isopropyl Acetate	8.449	43	66664	19.791	ug/l #	90
44) Trichloroethene	9.108	130	74537	21.227	ug/l	90
45) 1,2-Dichloropropane	9.379	63	65974	21.124	ug/l	96
46) Dibromomethane	9.473	93	36764	20.896	ug/l	94
47) Bromodichloromethane	9.655	83	98436	22.328	ug/l	89
48) Methyl methacrylate	9.449	41	31610	18.944	ug/l #	81
49) 1,4-Dioxane	9.449	88	9015	445.490	ug/l #	83
51) 4-Methyl-2-Pentanone	10.220	43	173989	102.080	ug/l	94
52) Toluene	10.396	92	174943	21.635	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	87389	21.135	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	102977	21.265	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	54029	21.532	ug/l	95
56) Ethyl methacrylate	10.655	69	56258	19.568	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	87798	21.481	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	115441	97.663	ug/l	90
59) 2-Hexanone	10.979	43	118252	101.306	ug/l	95
60) Dibromochloromethane	11.132	129	67632	21.838	ug/l	100
61) 1,2-Dibromoethane	11.238	107	51120	21.381	ug/l	100
64) Tetrachloroethene	10.867	164	62475	20.919	ug/l	99
65) Chlorobenzene	11.661	112	189824	21.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	75198	21.958	ug/l	99
67) Ethyl Benzene	11.738	91	321433	20.379	ug/l	98
68) m/p-Xylenes	11.843	106	255742	41.317	ug/l	99
69) o-Xylene	12.173	106	116185	20.399	ug/l	97
70) Styrene	12.185	104	211508	21.529	ug/l	97
71) Bromoform	12.349	173	40357	21.552	ug/l #	97
73) Isopropylbenzene	12.467	105	314656	20.068	ug/l	99
74) N-amyl acetate	12.279	43	65531	18.787	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	62656	21.050	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	44058m	20.049	ug/l	
77) Bromobenzene	12.749	156	78673	20.546	ug/l	88
78) n-propylbenzene	12.808	91	397435	20.364	ug/l	98
79) 2-Chlorotoluene	12.896	91	233207	20.557	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	280321	20.729	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	18890	20.176	ug/l	86
82) 4-Chlorotoluene	12.990	91	248741	20.798	ug/l	100
83) tert-Butylbenzene	13.208	119	234061	20.479	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	278539	20.637	ug/l	98
85) sec-Butylbenzene	13.384	105	356131	20.801	ug/l	99
86) p-Isopropyltoluene	13.502	119	293584	20.570	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	162835	20.826	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	161145	20.833	ug/l	100
89) n-Butylbenzene	13.832	91	273762	20.334	ug/l	99
90) Hexachloroethane	14.096	117	59855	20.251	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	140157	20.783	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	9410	19.795	ug/l	81
93) 1,2,4-Trichlorobenzene	15.143	180	80892	20.031	ug/l	97
94) Hexachlorobutadiene	15.249	225	45139	20.377	ug/l	99
95) Naphthalene	15.384	128	130052	18.783	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	70799	20.078	ug/l	99

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

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