

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073757.D
 Acq On : 30 Jun 2022 19:27
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD063022

Quant Time: Jul 05 10:06:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2022
 Supervised By :Mahesh Dadoda 07/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	189827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	356617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	319401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	145822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	86951	46.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.900%		
35) Dibromofluoromethane	7.908	113	92709	47.855	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.700%		
50) Toluene-d8	10.332	98	314904	44.313	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.620%		
62) 4-Bromofluorobenzene	12.620	95	127780	45.589	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	45435	38.801	ug/l	99
3) Chloromethane	2.203	50	52627	40.055	ug/l	98
4) Vinyl Chloride	2.344	62	64294	43.300	ug/l	95
5) Bromomethane	2.750	94	46697	53.198	ug/l	96
6) Chloroethane	2.908	64	46378	42.976	ug/l	100
7) Trichlorofluoromethane	3.256	101	119717	44.158	ug/l	98
8) Diethyl Ether	3.703	74	44163	48.708	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.073	101	79928	44.462	ug/l	91
10) Methyl Iodide	4.285	142	52325	40.972	ug/l	96
11) Tert butyl alcohol	5.226	59	66484	145.769	ug/l #	100
12) 1,1-Dichloroethene	4.055	96	63571	41.257	ug/l	94
13) Acrolein	3.920	56	5272	123.954	ug/l	94
14) Allyl chloride	4.702	41	125329	47.166	ug/l	96
15) Acrylonitrile	5.408	53	124724	252.607	ug/l	98
16) Acetone	4.155	43	89273	231.708	ug/l	93
17) Carbon Disulfide	4.397	76	98955	40.519	ug/l	99
18) Methyl Acetate	4.714	43	56703	48.764	ug/l	97
19) Methyl tert-butyl Ether	5.467	73	249125	49.745	ug/l	96
20) Methylene Chloride	4.955	84	96603	48.168	ug/l	93
21) trans-1,2-Dichloroethene	5.461	96	76135	43.629	ug/l	94
22) Diisopropyl ether	6.355	45	323012	48.275	ug/l	97
23) Vinyl Acetate	6.297	43	917219	270.986	ug/l	96
24) 1,1-Dichloroethane	6.255	63	174186	46.574	ug/l	98
25) 2-Butanone	7.208	43	156795	247.810	ug/l	94
26) 2,2-Dichloropropane	7.202	77	153705	44.475	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	111561	47.404	ug/l	99
28) Bromochloromethane	7.538	49	73716	51.264	ug/l #	79
29) Tetrahydrofuran	7.555	42	100531	251.365	ug/l	93
30) Chloroform	7.696	83	190597	48.070	ug/l	99
31) Cyclohexane	7.979	56	113402	44.350	ug/l	90
32) 1,1,1-Trichloroethane	7.891	97	157602	45.323	ug/l	97
36) 1,1-Dichloropropene	8.108	75	116634	43.361	ug/l	98
37) Ethyl Acetate	7.291	43	68067	48.002	ug/l	97
38) Carbon Tetrachloride	8.091	117	125641	43.504	ug/l	99
39) Methylcyclohexane	9.349	83	126014	41.134	ug/l	95
40) Benzene	8.343	78	356523	44.873	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	40280	43.819	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	113065	47.216	ug/l	99
43) Isopropyl Acetate	8.443	43	147648	48.837	ug/l	94
44) Trichloroethene	9.108	130	94014	44.541	ug/l	96
45) 1,2-Dichloropropane	9.373	63	104760	46.334	ug/l	95
46) Dibromomethane	9.467	93	55649	46.902	ug/l	89
47) Bromodichloromethane	9.649	83	151851	47.306	ug/l	94
48) Methyl methacrylate	9.449	41	67446	49.727	ug/l	94
49) 1,4-Dioxane	9.449	88	16751	1050.413	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	391388	254.326	ug/l	97
52) Toluene	10.396	92	237087	44.737	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	150069	47.584	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	165316	46.305	ug/l	96
55) 1,1,2-Trichloroethane	10.790	97	86228	48.611	ug/l	96
56) Ethyl methacrylate	10.649	69	114078	48.498	ug/l	95
57) 1,3-Dichloropropane	10.937	76	145523	48.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	222086	232.916	ug/l	93
59) 2-Hexanone	10.973	43	268037	255.600	ug/l	94
60) Dibromochloromethane	11.132	129	105170	48.829	ug/l	98
61) 1,2-Dibromoethane	11.237	107	79997	48.817	ug/l	98
64) Tetrachloroethene	10.867	164	68345	41.860	ug/l	90
65) Chlorobenzene	11.661	112	274222	46.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	105991	47.691	ug/l	97
67) Ethyl Benzene	11.732	91	494348	45.659	ug/l	99
68) m/p-Xylenes	11.843	106	370861	90.042	ug/l	98
69) o-Xylene	12.167	106	185777	46.077	ug/l	99
70) Styrene	12.184	104	321193	46.517	ug/l	98
71) Bromoform	12.349	173	57571	49.667	ug/l #	99
73) Isopropylbenzene	12.467	105	500489	45.304	ug/l	99
74) N-amyl acetate	12.279	43	147047	49.022	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	110228	50.056	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	72121m	51.753	ug/l	
77) Bromobenzene	12.749	156	104717	46.266	ug/l	86
78) n-propylbenzene	12.808	91	621233	44.928	ug/l	97
79) 2-Chlorotoluene	12.890	91	353764	45.841	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	407870	44.389	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	34990	48.437	ug/l	94
82) 4-Chlorotoluene	12.990	91	368367	46.036	ug/l	98
83) tert-Butylbenzene	13.208	119	364614	44.844	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	408378	44.975	ug/l	100
85) sec-Butylbenzene	13.384	105	561403	44.630	ug/l	97
86) p-Isopropyltoluene	13.502	119	447764	44.421	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	218243	46.268	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	215165	45.766	ug/l	97
89) n-Butylbenzene	13.826	91	451986	44.428	ug/l	99
90) Hexachloroethane	14.096	117	90157	45.243	ug/l	87
91) 1,2-Dichlorobenzene	13.873	146	193009	46.259	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.484	75	16952	46.735	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	114952	46.193	ug/l	98
94) Hexachlorobutadiene	15.249	225	53391	43.226	ug/l	96
95) Naphthalene	15.378	128	270933	49.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	103405	47.777	ug/l	96

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

