

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073665.D
 Acq On : 23 Jun 2022 13:38
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 06:56:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 06:54:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	208585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	342554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	327731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	167162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	27918	11.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	23.300%#
35) Dibromofluoromethane	7.909	113	26573	10.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.240%#
50) Toluene-d8	10.332	98	96770	10.878	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.760%#
62) 4-Bromofluorobenzene	12.620	95	35916	10.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	21.980%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	23272	11.604	ug/l	91
3) Chloromethane	2.209	50	19216	10.618	ug/l	96
4) Vinyl Chloride	2.344	62	18461	10.765	ug/l	97
5) Bromomethane	2.762	94	14969	11.090	ug/l	82
6) Chloroethane	2.921	64	13236	11.676	ug/l	92
7) Trichlorofluoromethane	3.268	101	45682	11.373	ug/l	92
8) Diethyl Ether	3.709	74	11394	10.911	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	24791	10.724	ug/l	93
10) Methyl Iodide	4.303	142	22294	10.077	ug/l	97
11) Tert butyl alcohol	5.179	59	36552	130.271	ug/l #	100
12) 1,1-Dichloroethene	4.068	96	21836	10.834	ug/l	94
13) Acrolein	3.909	56	2100m	32.568	ug/l	
14) Allyl chloride	4.709	41	30686	10.622	ug/l	99
15) Acrylonitrile	5.415	53	26111	55.133	ug/l	97
16) Acetone	4.156	43	21971	56.568	ug/l	96
17) Carbon Disulfide	4.409	76	55181	9.726	ug/l	99
18) Methyl Acetate	4.720	43	13540	11.040	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	52703	10.989	ug/l	99
20) Methylene Chloride	4.956	84	38438	12.628	ug/l #	78
21) trans-1,2-Dichloroethene	5.462	96	26004	10.892	ug/l	95
22) Diisopropyl ether	6.362	45	70704	10.881	ug/l	92
23) Vinyl Acetate	6.297	43	178885	52.668	ug/l	95
24) 1,1-Dichloroethane	6.262	63	48062	11.008	ug/l	96
25) 2-Butanone	7.209	43	31150	55.651	ug/l	91
26) 2,2-Dichloropropane	7.203	77	45449	11.262	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	29345	10.585	ug/l	93
28) Bromochloromethane	7.544	49	16095	9.976	ug/l	96
29) Tetrahydrofuran	7.556	42	19366	56.134	ug/l	96
30) Chloroform	7.703	83	54381	10.987	ug/l	99
31) Cyclohexane	7.973	56	39995	10.980	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	48826	11.051	ug/l	99
36) 1,1-Dichloropropene	8.109	75	36725	10.476	ug/l	99
37) Ethyl Acetate	7.285	43	15027	11.158	ug/l	97
38) Carbon Tetrachloride	8.085	117	43595	10.907	ug/l	93
39) Methylcyclohexane	9.350	83	38099	9.847	ug/l	98
40) Benzene	8.344	78	107000	10.563	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	7503	9.943	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	33070	10.882	ug/l	100
43) Isopropyl Acetate	8.444	43	27774	10.849	ug/l	97
44) Trichloroethene	9.103	130	31294	10.811	ug/l	80
45) 1,2-Dichloropropane	9.379	63	26636	10.458	ug/l	100
46) Dibromomethane	9.461	93	15254	10.569	ug/l	98
47) Bromodichloromethane	9.656	83	41610	11.019	ug/l	97
48) Methyl methacrylate	9.450	41	13712m	10.643	ug/l	
49) 1,4-Dioxane	9.456	88	3326	203.485	ug/l #	83
51) 4-Methyl-2-Pentanone	10.220	43	70809	54.098	ug/l	99
52) Toluene	10.397	92	67485	10.219	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	36059	10.496	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	41710	10.363	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	22237	10.858	ug/l	97
56) Ethyl methacrylate	10.650	69	21992	9.746	ug/l	94
57) 1,3-Dichloropropane	10.932	76	35683	10.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	42081	46.562	ug/l	98
59) 2-Hexanone	10.973	43	45349	50.322	ug/l	95
60) Dibromochloromethane	11.132	129	28969	10.811	ug/l	97
61) 1,2-Dibromoethane	11.238	107	20123	10.309	ug/l	90
64) Tetrachloroethene	10.867	164	25515	10.432	ug/l	94
65) Chlorobenzene	11.661	112	78425	10.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	30987	10.774	ug/l	97
67) Ethyl Benzene	11.732	91	127740	10.164	ug/l	96
68) m/p-Xylenes	11.844	106	102168	20.729	ug/l	99
69) o-Xylene	12.167	106	46150	10.042	ug/l	97
70) Styrene	12.185	104	81864	10.379	ug/l	98
71) Bromoform	12.349	173	17496	11.197	ug/l #	100
73) Isopropylbenzene	12.467	105	123152	10.134	ug/l	98
74) N-amyl acetate	12.273	43	25415	10.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	25405	11.087	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	17364m	10.921	ug/l	
77) Bromobenzene	12.749	156	32040	10.828	ug/l	99
78) n-propylbenzene	12.808	91	156480	10.533	ug/l	99
79) 2-Chlorotoluene	12.897	91	94312	10.807	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	109533	10.560	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	7223	10.284	ug/l	94
82) 4-Chlorotoluene	12.991	91	99848	10.720	ug/l	97
83) tert-Butylbenzene	13.208	119	89935	9.947	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	106998	10.451	ug/l	98
85) sec-Butylbenzene	13.385	105	141584	10.609	ug/l	99
86) p-Isopropyltoluene	13.502	119	116379	10.554	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	66305	10.876	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	66324	10.950	ug/l	95
89) n-Butylbenzene	13.826	91	105622	10.159	ug/l	100
90) Hexachloroethane	14.096	117	25148	10.653	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	56637	10.751	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.479	75	4551	12.784	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	33828	10.995	ug/l	94
94) Hexachlorobutadiene	15.243	225	19549	11.214	ug/l	97
95) Naphthalene	15.379	128	51598	9.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	28660	10.725	ug/l	95

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

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