

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020682.D
 Acq On : 22 Oct 2021 14:24
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:12 AM

Quant Time: Oct 23 05:27:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	102168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	143413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	131477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	68296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	101063	85.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.580%#	
35) Dibromofluoromethane	7.885	113	88365	94.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 188.280%#	
50) Toluene-d8	10.323	98	339554	97.096	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 194.200%#	
62) 4-Bromofluorobenzene	12.615	95	126609	98.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 196.960%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	35750	64.347	ug/l	96
3) Chloromethane	2.209	50	66333	74.773	ug/l	100
4) Vinyl Chloride	2.355	62	90788	65.443	ug/l	98
5) Bromomethane	2.751	94	51763	47.496	ug/l	97
6) Chloroethane	2.904	64	40291	44.414	ug/l	97
7) Trichlorofluoromethane	3.245	101	62734	77.338	ug/l	97
8) Diethyl Ether	3.678	74	50869	98.523	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.050	101	101905	93.161	ug/l	99
10) Methyl Iodide	4.263	142	132113	89.112	ug/l	99
11) Tert butyl alcohol	5.184	59	33042	548.994	ug/l #	84
12) 1,1-Dichloroethene	4.038	96	99628	97.041	ug/l	99
13) Acrolein	3.891	56	30592	642.944	ug/l	99
14) Allyl chloride	4.666	41	162707	112.643	ug/l	99
15) Acrylonitrile	5.367	53	128824	567.501	ug/l	100
16) Acetone	4.123	43	146259	688.859	ug/l	95
17) Carbon Disulfide	4.379	76	295760	94.489	ug/l	100
18) Methyl Acetate	4.672	43	85013	141.204	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	166894	116.683	ug/l	99
20) Methylene Chloride	4.910	84	103518	73.200	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	109908	94.285	ug/l	99
22) Diisopropyl ether	6.312	45	305575	101.127	ug/l	98
23) Vinyl Acetate	6.257	43	951621	566.416	ug/l	100
24) 1,1-Dichloroethane	6.214	63	192848	91.627	ug/l	99
25) 2-Butanone	7.171	43	181425	621.215	ug/l	99
26) 2,2-Dichloropropane	7.165	77	123800	95.806	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	117190	94.206	ug/l	98
28) Bromochloromethane	7.513	49	82374	98.345	ug/l #	99
29) Tetrahydrofuran	7.531	42	110391	611.512	ug/l	99
30) Chloroform	7.677	83	195063	88.198	ug/l	99
31) Cyclohexane	7.952	56	189976	98.959	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	168935	93.745	ug/l	99
36) 1,1-Dichloropropene	8.086	75	162938	108.775	ug/l	99
37) Ethyl Acetate	7.257	43	73707	125.180	ug/l	99
38) Carbon Tetrachloride	8.067	117	159271	104.657	ug/l	98
39) Methylcyclohexane	9.336	83	199800	115.686	ug/l	99
40) Benzene	8.324	78	428699	104.155	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	42968	127.797	ug/l	92
42) 1,2-Dichloroethane	8.403	62	137829	107.638	ug/l	100
43) Isopropyl Acetate	8.421	43	142611	128.841	ug/l	100
44) Trichloroethene	9.092	130	117948	108.434	ug/l	94
45) 1,2-Dichloropropane	9.366	63	103004	102.922	ug/l	97
46) Dibromomethane	9.457	93	58286	102.749	ug/l	96
47) Bromodichloromethane	9.646	83	142233	101.150	ug/l	100
48) Methyl methacrylate	9.433	41	72397	146.917	ug/l	94
49) 1,4-Dioxane	9.451	88	16012	2200.851	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	379096	650.747	ug/l	100
52) Toluene	10.390	92	277161	106.305	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	153216	112.146	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	172667	109.527	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	79671	102.438	ug/l	97
56) Ethyl methacrylate	10.646	69	114045	127.858	ug/l	100
57) 1,3-Dichloropropane	10.933	76	141954	106.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	243875	598.923	ug/l	100
59) 2-Hexanone	10.969	43	271548	685.496	ug/l	99
60) Dibromochloromethane	11.128	129	97810	109.092	ug/l	99
61) 1,2-Dibromoethane	11.238	107	78107	106.801	ug/l	99
64) Tetrachloroethene	10.866	164	104846	113.930	ug/l	89
65) Chlorobenzene	11.658	112	286503	102.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	107506	107.739	ug/l	96
67) Ethyl Benzene	11.731	91	542039	109.834	ug/l	99
68) m/p-Xylenes	11.835	106	418298	216.438	ug/l	98
69) o-Xylene	12.164	106	193296	109.430	ug/l	99
70) Styrene	12.183	104	332662	110.649	ug/l	99
71) Bromoform	12.347	173	63330	124.395	ug/l #	98
73) Isopropylbenzene	12.463	105	543853	114.031	ug/l	100
74) N-amyl acetate	12.274	43	133469	129.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	94620	105.547	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	77553m	117.621	ug/l	
77) Bromobenzene	12.743	156	125667	111.855	ug/l	99
78) n-propylbenzene	12.804	91	658186	109.889	ug/l	99
79) 2-Chlorotoluene	12.890	91	369079	105.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	461839	109.877	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	32912	121.878	ug/l	99
82) 4-Chlorotoluene	12.987	91	379699	103.881	ug/l	100
83) tert-Butylbenzene	13.207	119	401544	113.201	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	450835	109.895	ug/l	100
85) sec-Butylbenzene	13.384	105	596990	111.529	ug/l	100
86) p-Isopropyltoluene	13.493	119	511094	113.795	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	239107	100.775	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	244284	103.959	ug/l	99
89) n-Butylbenzene	13.823	91	477640	111.207	ug/l	99
90) Hexachloroethane	14.091	117	87576	103.164	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	219962	107.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	17292	115.690	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	148411	116.607	ug/l	98
94) Hexachlorobutadiene	15.237	225	88399	115.569	ug/l	93
95) Naphthalene	15.365	128	292878	132.223	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	133993	119.435	ug/l	99

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

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