

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019661.D
 Acq On : 03 Aug 2021 15:20
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:17 PM

Quant Time: Aug 03 16:02:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 15:58:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	603948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	1026105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	953367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	459391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	1173753	152.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	305.520%#
35) Dibromofluoromethane	7.891	113	1021429	150.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	301.200%#
50) Toluene-d8	10.323	98	3952645	149.126	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	298.260%#
62) 4-Bromofluorobenzene	12.621	95	1495364	158.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	316.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	513334	151.515	ug/l	100
3) Chloromethane	2.221	50	650498	140.947	ug/l	97
4) Vinyl Chloride	2.367	62	877258	130.544	ug/l	99
5) Bromomethane	2.788	94	686682	136.530	ug/l	99
6) Chloroethane	2.922	64	640092	149.813	ug/l	100
7) Trichlorofluoromethane	3.263	101	745379	146.084	ug/l	100
8) Diethyl Ether	3.684	74	518931	164.312	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.068	101	853938	139.986	ug/l	98
10) Methyl Iodide	4.281	142	1201041	152.804	ug/l	98
11) Tert butyl alcohol	5.220	59	296030	990.875	ug/l	98
12) 1,1-Dichloroethene	4.050	96	863240	143.449	ug/l	99
13) Acrolein	3.897	56	298926	912.475	ug/l	100
14) Allyl chloride	4.672	41	1346129	155.050	ug/l	92
15) Acrylonitrile	5.379	53	1146806	843.853	ug/l	99
16) Acetone	4.141	43	838242	738.356	ug/l	95
17) Carbon Disulfide	4.391	76	2260124	142.022	ug/l	98
18) Methyl Acetate	4.678	43	502562	148.683	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	1433888	162.050	ug/l	99
20) Methylene Chloride	4.922	84	1039969	105.790	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	980343	147.023	ug/l	97
22) Diisopropyl ether	6.312	45	2904187	157.059	ug/l	96
23) Vinyl Acetate	6.257	43	9351307	867.178	ug/l	100
24) 1,1-Dichloroethane	6.220	63	1905892	149.341	ug/l	100
25) 2-Butanone	7.177	43	1386626	844.670	ug/l	98
26) 2,2-Dichloropropane	7.171	77	1000157	141.198	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	1144383	155.692	ug/l	100
28) Bromochloromethane	7.519	49	746527	148.440	ug/l	98
29) Tetrahydrofuran	7.537	42	909192	863.795	ug/l	96
30) Chloroform	7.677	83	1941364	149.889	ug/l	98
31) Cyclohexane	7.958	56	1471841	130.749	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	1454795	144.712	ug/l	99
36) 1,1-Dichloropropene	8.086	75	1412742	140.489	ug/l	99
37) Ethyl Acetate	7.257	43	663155	170.039	ug/l	99
38) Carbon Tetrachloride	8.073	117	1326805	142.432	ug/l	96
39) Methylcyclohexane	9.335	83	1689264	146.262	ug/l	98
40) Benzene	8.323	78	4010262	144.802	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	388506	176.754	ug/l	91
42) 1,2-Dichloroethane	8.403	62	1314939	151.695	ug/l	99
43) Isopropyl Acetate	8.427	43	1274617	172.299	ug/l	99
44) Trichloroethene	9.092	130	1037092	145.587	ug/l	95
45) 1,2-Dichloropropane	9.372	63	1054916	150.406	ug/l	98
46) Dibromomethane	9.457	93	575076	155.025	ug/l	99
47) Bromodichloromethane	9.646	83	1467280	158.385	ug/l	99
48) Methyl methacrylate	9.439	41	587468	178.684	ug/l #	94
49) 1,4-Dioxane	9.476	88	168623	3492.423	ug/l #	95
51) 4-Methyl-2-Pentanone	10.213	43	3270071	844.910	ug/l	100
52) Toluene	10.390	92	2606450	149.396	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	1522783	168.362	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	1730150	163.606	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	801500	154.575	ug/l	98
56) Ethyl methacrylate	10.646	69	1120111	179.623	ug/l	97
57) 1,3-Dichloropropane	10.933	76	1446723	157.953	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	2392040	825.823	ug/l	100
59) 2-Hexanone	10.969	43	2215898	849.142	ug/l	98
60) Dibromochloromethane	11.128	129	942539	167.116	ug/l	98
61) 1,2-Dibromoethane	11.238	107	777662	160.841	ug/l	99
64) Tetrachloroethene	10.866	164	821171	138.784	ug/l	97
65) Chlorobenzene	11.658	112	2782833	147.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	1022383	157.800	ug/l	99
67) Ethyl Benzene	11.731	91	5068503	147.759	ug/l	97
68) m/p-Xylenes	11.841	106	3888235	296.738	ug/l	99
69) o-Xylene	12.164	106	1914416	157.691	ug/l	97
70) Styrene	12.182	104	3264469	159.111	ug/l	99
71) Bromoform	12.353	173	544550	174.965	ug/l #	95
73) Isopropylbenzene	12.463	105	5060132	155.592	ug/l	99
74) N-amyl acetate	12.274	43	1196320	174.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	942713	157.792	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	671940m	107.987	ug/l	
77) Bromobenzene	12.743	156	1115810	156.311	ug/l	98
78) n-propylbenzene	12.804	91	5995259	149.930	ug/l	99
79) 2-Chlorotoluene	12.890	91	3564979	152.052	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	4180711	150.793	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	308537	181.430	ug/l	99
82) 4-Chlorotoluene	12.987	91	3688807	151.281	ug/l	98
83) tert-Butylbenzene	13.207	119	3705072	155.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	4246346	153.822	ug/l	100
85) sec-Butylbenzene	13.384	105	5384269	148.829	ug/l	99
86) p-Isopropyltoluene	13.499	119	4549333	153.250	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	2248546	149.509	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	2223112	148.677	ug/l	99
89) n-Butylbenzene	13.822	91	4425692	151.544	ug/l	99
90) Hexachloroethane	14.091	117	860470	158.884	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	1993033	150.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	169843	174.545	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	1328062	162.026	ug/l	99
94) Hexachlorobutadiene	15.231	225	691034	145.031	ug/l	96
95) Naphthalene	15.365	128	2807507	183.747	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	1176528	162.386	ug/l	100

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

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