

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014734.D
 Acq On : 23 Jan 2020 19:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:02:39 PM

Quant Time: Jan 24 06:31:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	566994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	875551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	766322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	375579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	304168	61.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.72%	
35) Dibromofluoromethane	7.88	113	280303	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
50) Toluene-d8	10.32	98	1135150	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.62	95	389207	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	161198	50.353	ug/l	99
3) Chloromethane	2.21	50	204770	52.256	ug/l	98
4) Vinyl Chloride	2.36	62	324158	56.243	ug/l	98
5) Bromomethane	2.77	94	208793	58.643	ug/l	99
6) Chloroethane	2.92	64	215586	65.619	ug/l	99
7) Trichlorofluoromethane	3.25	101	166062	57.587	ug/l	97
8) Diethyl Ether	3.67	74	164496	57.332	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	301332	55.926	ug/l	98
10) Methyl Iodide	4.28	142	423277	52.066	ug/l	96
11) Tert butyl alcohol	5.15	59	119391	318.655	ug/l	98
12) 1,1-Dichloroethene	4.04	96	304245	53.921	ug/l	96
13) Acrolein	3.89	56	169235	391.134	ug/l	97
14) Allyl chloride	4.66	41	508609	58.986	ug/l	98
15) Acrylonitrile	5.35	53	428264	326.548	ug/l	99
16) Acetone	4.12	43	377014	269.338	ug/l	97
17) Carbon Disulfide	4.39	76	873113	51.341	ug/l	98
18) Methyl Acetate	4.67	43	218714	64.696	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	476946	68.095	ug/l	97
20) Methylene Chloride	4.92	84	330764	59.258	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	328735	54.869	ug/l	92
22) Diisopropyl ether	6.31	45	1024137	63.457	ug/l	98
23) Vinyl Acetate	6.24	43	3074350	315.455	ug/l	98
24) 1,1-Dichloroethane	6.21	63	598068	58.747	ug/l	99
25) 2-Butanone	7.17	43	556021	309.524	ug/l	95
26) 2,2-Dichloropropane	7.16	77	314115	55.730	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	351985	55.912	ug/l	95
28) Bromochloromethane	7.51	49	295485	74.034	ug/l	92
29) Tetrahydrofuran	7.52	42	361021	324.406	ug/l	98
30) Chloroform	7.67	83	561662	58.998	ug/l	99
31) Cyclohexane	7.95	56	567404	53.631	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	445021	58.123	ug/l	98
36) 1,1-Dichloropropene	8.07	75	464432	55.023	ug/l	99
37) Ethyl Acetate	7.24	43	245581	64.151	ug/l	97
38) Carbon Tetrachloride	8.07	117	404033	55.175	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	570206	52.641	ug/l	94
40) Benzene	8.32	78	1332256	55.786	ug/l	100
41) Methacrylonitrile	7.48	41	138737	65.015	ug/l	96
42) 1,2-Dichloroethane	8.40	62	371973	60.020	ug/l	97
43) Isopropyl Acetate	8.42	43	433968	62.428	ug/l	98
44) Trichloroethene	9.09	130	341253	52.807	ug/l	96
45) 1,2-Dichloropropane	9.37	63	338326	57.731	ug/l	99
46) Dibromomethane	9.45	93	167053	57.742	ug/l	97
47) Bromodichloromethane	9.64	83	415705	58.201	ug/l	98
48) Methyl methacrylate	9.43	41	216795	63.876	ug/l	97
49) 1,4-Dioxane	9.45	88	62149	1148.556	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1172927	324.919	ug/l	98
52) Toluene	10.38	92	820648	54.621	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	429334	58.054	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	506684	56.059	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	243070	57.528	ug/l	98
56) Ethyl methacrylate	10.64	69	335525	61.103	ug/l #	93
57) 1,3-Dichloropropane	10.93	76	429317	57.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	622862	372.962	ug/l	97
59) 2-Hexanone	10.96	43	811043	326.041	ug/l	96
60) Dibromochloromethane	11.13	129	266788	55.961	ug/l	98
61) 1,2-Dibromoethane	11.23	107	228374	56.941	ug/l	99
64) Tetrachloroethene	10.86	164	306225	55.197	ug/l	96
65) Chlorobenzene	11.65	112	835629	53.226	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	286891	54.274	ug/l	99
67) Ethyl Benzene	11.73	91	1541503	54.484	ug/l	99
68) m/p-Xylenes	11.83	106	1162631	107.369	ug/l	98
69) o-Xylene	12.16	106	545211	54.508	ug/l	100
70) Styrene	12.18	104	936915	55.379	ug/l	99
71) Bromoform	12.35	173	162640	56.408	ug/l #	97
73) Isopropylbenzene	12.46	105	1488041	53.996	ug/l	100
74) N-amyl acetate	12.27	43	388165	62.819	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	288680	58.036	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	214310m	60.351	ug/l	
77) Bromobenzene	12.74	156	340284	53.164	ug/l	95
78) n-propylbenzene	12.80	91	1785214	55.090	ug/l	99
79) 2-Chlorotoluene	12.89	91	1002915	54.385	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1255312	54.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	92494	58.034	ug/l	95
82) 4-Chlorotoluene	12.99	91	1049621	54.784	ug/l	98
83) tert-Butylbenzene	13.20	119	1099821	54.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1257149	54.596	ug/l	99
85) sec-Butylbenzene	13.38	105	1531435	54.613	ug/l	99
86) p-Isopropyltoluene	13.49	119	1381406	54.046	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	663846	53.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	645407	52.525	ug/l	99
89) n-Butylbenzene	13.82	91	1311901	55.272	ug/l	99
90) Hexachloroethane	14.09	117	237907	53.281	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	588799	53.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	45743	58.072	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	403504	54.621	ug/l	98
94) Hexachlorobutadiene	15.23	225	260122	52.543	ug/l	97
95) Naphthalene	15.36	128	769790	61.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	345863	53.711	ug/l	99

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

