

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031020\
 Data File : VW015107.D
 Acq On : 10 Mar 2020 10:46
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:22:07 PM

Quant Time: Mar 11 09:05:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	637521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	582390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	265019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	278522	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.88	113	205051	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.32	98	888551	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.62	95	305549	57.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	120309	55.844	ug/l	97
3) Chloromethane	2.21	50	235239	50.883	ug/l	96
4) Vinyl Chloride	2.36	62	314490	51.961	ug/l	98
5) Bromomethane	2.78	94	175751	50.800	ug/l	98
6) Chloroethane	2.92	64	189937	54.180	ug/l	97
7) Trichlorofluoromethane	3.26	101	162063	53.507	ug/l	97
8) Diethyl Ether	3.68	74	121332	52.573	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	248751	53.875	ug/l	99
10) Methyl Iodide	4.27	142	267650	52.107	ug/l	98
11) Tert butyl alcohol	5.16	59	74778	249.066	ug/l	99
12) 1,1-Dichloroethene	4.04	96	241585	53.516	ug/l	99
13) Acrolein	3.89	56	103459	235.619	ug/l	94
14) Allyl chloride	4.67	41	497939	55.042	ug/l	98
15) Acrylonitrile	5.37	53	327960	277.229	ug/l	100
16) Acetone	4.12	43	344921	289.506	ug/l	98
17) Carbon Disulfide	4.38	76	858282	53.625	ug/l	98
18) Methyl Acetate	4.67	43	153886	54.488	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	315746	54.638	ug/l	96
20) Methylene Chloride	4.91	84	274160	56.911	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	262700	54.811	ug/l	98
22) Diisopropyl ether	6.31	45	985413	56.769	ug/l	99
23) Vinyl Acetate	6.25	43	2984152	291.226	ug/l	100
24) 1,1-Dichloroethane	6.21	63	546164	53.956	ug/l	99
25) 2-Butanone	7.17	43	469231	287.291	ug/l	99
26) 2,2-Dichloropropane	7.16	77	308547	53.296	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	270698	54.250	ug/l	99
28) Bromochloromethane	7.51	49	263215	54.268	ug/l	98
29) Tetrahydrofuran	7.52	42	291155	284.993	ug/l	99
30) Chloroform	7.67	83	481972	53.655	ug/l	99
31) Cyclohexane	7.95	56	549679	52.799	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	376919	53.739	ug/l	100
36) 1,1-Dichloropropene	8.08	75	423762	57.317	ug/l	99
37) Ethyl Acetate	7.24	43	205054	55.649	ug/l	99
38) Carbon Tetrachloride	8.07	117	337344	56.051	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	483597	57.207	ug/l	99
40) Benzene	8.32	78	1154780	56.205	ug/l	99
41) Methacrylonitrile	7.48	41	123839	63.548	ug/l	91
42) 1,2-Dichloroethane	8.40	62	353602	56.490	ug/l	100
43) Isopropyl Acetate	8.42	43	375842	56.895	ug/l	100
44) Trichloroethene	9.09	130	236586	54.096	ug/l	96
45) 1,2-Dichloropropane	9.37	63	308810	55.811	ug/l	99
46) Dibromomethane	9.46	93	133618	55.537	ug/l	99
47) Bromodichloromethane	9.64	83	355673	55.372	ug/l	98
48) Methyl methacrylate	9.43	41	193453	56.732	ug/l	92
49) 1,4-Dioxane	9.45	88	41733	1132.952	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	998436	273.639	ug/l	98
52) Toluene	10.38	92	667801	56.579	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	355709	56.290	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	434066	56.387	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	180260	54.679	ug/l	97
56) Ethyl methacrylate	10.64	69	249388	52.361	ug/l	98
57) 1,3-Dichloropropane	10.93	76	354235	56.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	732218	293.369	ug/l	99
59) 2-Hexanone	10.96	43	691029	274.686	ug/l	98
60) Dibromochloromethane	11.13	129	189537	55.666	ug/l	99
61) 1,2-Dibromoethane	11.23	107	161345	55.206	ug/l	100
64) Tetrachloroethene	10.86	164	176960	52.652	ug/l	96
65) Chlorobenzene	11.65	112	628965	53.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	212307	54.540	ug/l	99
67) Ethyl Benzene	11.73	91	1297424	57.037	ug/l	100
68) m/p-Xylenes	11.83	106	915451	113.840	ug/l	100
69) o-Xylene	12.16	106	412336	56.922	ug/l	99
70) Styrene	12.18	104	726260	58.512	ug/l	99
71) Bromoform	12.35	173	94356	54.620	ug/l #	98
73) Isopropylbenzene	12.46	105	1166395	57.616	ug/l	100
74) N-amyl acetate	12.27	43	348106	51.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	226600	55.122	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	175622m	58.634	ug/l	
77) Bromobenzene	12.74	156	221834	55.440	ug/l	98
78) n-propylbenzene	12.80	91	1544376	58.700	ug/l	99
79) 2-Chlorotoluene	12.89	91	840258	56.804	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1000332	57.469	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	73504	55.428	ug/l	95
82) 4-Chlorotoluene	12.99	91	894970	56.813	ug/l	100
83) tert-Butylbenzene	13.20	119	810727	57.493	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1009661	58.011	ug/l	98
85) sec-Butylbenzene	13.38	105	1243039	58.246	ug/l	100
86) p-Isopropyltoluene	13.49	119	1066183	58.121	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	467354	55.125	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	455415	54.554	ug/l	99
89) n-Butylbenzene	13.82	91	1161730	58.723	ug/l	99
90) Hexachloroethane	14.09	117	198189	53.871	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	408053	54.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	36890	55.883	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	249692	58.763	ug/l	100
94) Hexachlorobutadiene	15.23	225	143355	53.735	ug/l	99
95) Naphthalene	15.36	128	497281	53.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	222370	59.003	ug/l	99

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

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