

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012657.D
 Acq On : 05 Sep 2019 22:20
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:29:41 PM

Quant Time: Sep 06 08:29:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136765	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	7.88	113	109116	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.32	98	388682	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.62	95	151370	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66314	49.751	ug/l	99
3) Chloromethane	2.21	50	89297	43.241	ug/l	96
4) Vinyl Chloride	2.35	62	107759	42.633	ug/l	97
5) Bromomethane	2.77	94	62461	48.795	ug/l	96
6) Chloroethane	2.92	64	65567	45.984	ug/l	94
7) Trichlorofluoromethane	3.25	101	66459	52.364	ug/l	99
8) Diethyl Ether	3.68	74	69267	57.498	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116384	53.948	ug/l	97
10) Methyl Iodide	4.26	142	167526	57.393	ug/l	100
11) Tert butyl alcohol	5.19	59	49218	317.814	ug/l	97
12) 1,1-Dichloroethene	4.04	96	114371	52.673	ug/l	97
13) Acrolein	3.89	56	40929	280.765	ug/l	100
14) Allyl chloride	4.66	41	247582	53.335	ug/l	98
15) Acrylonitrile	5.37	53	183774	307.770	ug/l	100
16) Acetone	4.13	43	168038	255.452	ug/l	98
17) Carbon Disulfide	4.38	76	308808	47.058	ug/l	98
18) Methyl Acetate	4.67	43	113254	69.512	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	230497	65.642	ug/l	99
20) Methylene Chloride	4.92	84	136017	54.696	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	126730	54.427	ug/l	96
22) Diisopropyl ether	6.31	45	493556	57.361	ug/l	98
23) Vinyl Acetate	6.25	43	1541220	291.053	ug/l	99
24) 1,1-Dichloroethane	6.21	63	267975	57.199	ug/l	100
25) 2-Butanone	7.17	43	252948	282.976	ug/l	96
26) 2,2-Dichloropropane	7.17	77	145852	55.002	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	144341	58.021	ug/l	100
28) Bromochloromethane	7.51	49	110496	54.113	ug/l	93
29) Tetrahydrofuran	7.53	42	163199	304.309	ug/l	97
30) Chloroform	7.67	83	253780	59.208	ug/l	98
31) Cyclohexane	7.95	56	215847	46.567	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	199619	58.871	ug/l	99
36) 1,1-Dichloropropene	8.08	75	193857	55.496	ug/l	99
37) Ethyl Acetate	7.25	43	116031	60.615	ug/l	98
38) Carbon Tetrachloride	8.07	117	180844	59.814	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191905	48.901	ug/l	98
40) Benzene	8.32	78	547355	57.384	ug/l	99
41) Methacrylonitrile	7.48	41	72328	64.289	ug/l	100
42) 1,2-Dichloroethane	8.40	62	188892	63.187	ug/l	99
43) Isopropyl Acetate	8.42	43	220692	62.242	ug/l	99
44) Trichloroethene	9.09	130	133286	57.482	ug/l	93
45) 1,2-Dichloropropane	9.37	63	138535	53.966	ug/l	98
46) Dibromomethane	9.46	93	69438	60.795	ug/l	97
47) Bromodichloromethane	9.64	83	172138	56.628	ug/l	98
48) Methyl methacrylate	9.43	41	105160	62.314	ug/l	97
49) 1,4-Dioxane	9.46	88	20867	1193.405	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	536288	297.365	ug/l	100
52) Toluene	10.38	92	324153	56.570	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	188105	60.750	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213816	57.189	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	93346	57.763	ug/l	99
56) Ethyl methacrylate	10.65	69	147822	62.850	ug/l	100
57) 1,3-Dichloropropane	10.93	76	175537	57.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	323689	268.158	ug/l	99
59) 2-Hexanone	10.97	43	365842	286.695	ug/l	100
60) Dibromochloromethane	11.13	129	108406	60.227	ug/l	99
61) 1,2-Dibromoethane	11.23	107	86299	57.322	ug/l	99
64) Tetrachloroethene	10.86	164	111265	60.557	ug/l	93
65) Chlorobenzene	11.65	112	326013	58.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	123608	63.494	ug/l	99
67) Ethyl Benzene	11.73	91	628329	58.451	ug/l	98
68) m/p-Xylenes	11.83	106	465618	120.249	ug/l	99
69) o-Xylene	12.16	106	223514	62.368	ug/l	100
70) Styrene	12.18	104	389699	62.823	ug/l	98
71) Bromoform	12.35	173	69332	71.481	ug/l #	98
73) Isopropylbenzene	12.46	105	626596	56.626	ug/l	99
74) N-amyl acetate	12.27	43	195528	58.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119373	58.844	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	83906m	58.339	ug/l	
77) Bromobenzene	12.74	156	144242	60.254	ug/l	95
78) n-propylbenzene	12.80	91	753577	55.785	ug/l	99
79) 2-Chlorotoluene	12.89	91	437721	57.073	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	538354	58.224	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39665	60.467	ug/l	99
82) 4-Chlorotoluene	12.99	91	458256	57.064	ug/l	100
83) tert-Butylbenzene	13.21	119	464767	59.339	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	538647	57.993	ug/l	99
85) sec-Butylbenzene	13.38	105	631027	56.235	ug/l	100
86) p-Isopropyltoluene	13.50	119	580130	57.890	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	274383	58.599	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	270063	58.087	ug/l	99
89) n-Butylbenzene	13.82	91	555529	55.745	ug/l	99
90) Hexachloroethane	14.09	117	100267	57.028	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	244180	59.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21803	63.752	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	173154	60.999	ug/l	99
94) Hexachlorobutadiene	15.24	225	113871	60.752	ug/l	98
95) Naphthalene	15.36	128	333429	59.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	155918	62.955	ug/l	99

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

