

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012464.D
 Acq On : 01 Sep 2019 22:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:44:45 AM

Quant Time: Sep 02 08:20:35 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	180972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	274532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112620	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	84445	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.32	98	337015	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	119225	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52793	47.377	ug/l	97
3) Chloromethane	2.21	50	85555	49.557	ug/l	100
4) Vinyl Chloride	2.35	62	111023	52.542	ug/l	100
5) Bromomethane	2.77	94	58564	54.726	ug/l	99
6) Chloroethane	2.92	64	64859	54.412	ug/l	95
7) Trichlorofluoromethane	3.25	101	63827	60.156	ug/l	97
8) Diethyl Ether	3.68	74	52820	52.447	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99026	54.908	ug/l	96
10) Methyl Iodide	4.27	142	124678	51.093	ug/l	97
11) Tert butyl alcohol	5.15	59	45639	352.520	ug/l	99
12) 1,1-Dichloroethene	4.04	96	94624	52.128	ug/l	94
13) Acrolein	3.89	56	26463	217.145	ug/l	98
14) Allyl chloride	4.67	41	201579	51.944	ug/l	99
15) Acrylonitrile	5.36	53	155158	310.824	ug/l	99
16) Acetone	4.11	43	152418	277.163	ug/l	97
17) Carbon Disulfide	4.38	76	271162	49.428	ug/l	99
18) Methyl Acetate	4.67	43	91717	67.337	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	173763	59.193	ug/l	99
20) Methylene Chloride	4.91	84	102555	49.331	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	100052	51.399	ug/l	98
22) Diisopropyl ether	6.31	45	385328	53.568	ug/l	99
23) Vinyl Acetate	6.25	43	1213316	274.082	ug/l	100
24) 1,1-Dichloroethane	6.21	63	203902	52.061	ug/l	99
25) 2-Butanone	7.17	43	220251	294.737	ug/l	97
26) 2,2-Dichloropropane	7.17	77	119500	53.906	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	108009	51.934	ug/l	98
28) Bromochloromethane	7.51	49	80716	47.284	ug/l	98
29) Tetrahydrofuran	7.52	42	141185	314.909	ug/l	99
30) Chloroform	7.67	83	189759	52.957	ug/l	99
31) Cyclohexane	7.96	56	190137	49.068	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	163425	57.653	ug/l	99
36) 1,1-Dichloropropene	8.08	75	159891	56.360	ug/l	99
37) Ethyl Acetate	7.25	43	95142	61.200	ug/l	100
38) Carbon Tetrachloride	8.07	117	148451	60.457	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178127	55.890	ug/l	99
40) Benzene	8.32	78	418165	53.981	ug/l	100
41) Methacrylonitrile	7.48	41	62028	67.886	ug/l	96
42) 1,2-Dichloroethane	8.40	62	146110	60.181	ug/l	98
43) Isopropyl Acetate	8.42	43	176542	61.307	ug/l	99
44) Trichloroethene	9.09	130	105272	55.902	ug/l	97
45) 1,2-Dichloropropane	9.37	63	113191	54.293	ug/l	97
46) Dibromomethane	9.46	93	54554	58.812	ug/l	98
47) Bromodichloromethane	9.64	83	143961	58.313	ug/l	99
48) Methyl methacrylate	9.43	41	86628	63.206	ug/l	98
49) 1,4-Dioxane	9.45	88	19961	1405.652	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	476166	325.100	ug/l	99
52) Toluene	10.39	92	258234	55.490	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	145947	58.037	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	169102	55.692	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	77289	58.890	ug/l	98
56) Ethyl methacrylate	10.65	69	118076	61.815	ug/l	99
57) 1,3-Dichloropropane	10.93	76	145022	58.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	277616	283.188	ug/l	99
59) 2-Hexanone	10.97	43	327713	316.218	ug/l	99
60) Dibromochloromethane	11.13	129	88971	60.863	ug/l	100
61) 1,2-Dibromoethane	11.23	107	74086	60.592	ug/l	98
64) Tetrachloroethene	10.86	164	91729	59.437	ug/l	99
65) Chlorobenzene	11.66	112	254531	54.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	94744	57.940	ug/l	99
67) Ethyl Benzene	11.73	91	509423	56.419	ug/l	98
68) m/p-Xylenes	11.84	106	361203	111.056	ug/l	98
69) o-Xylene	12.16	106	166958	55.463	ug/l	99
70) Styrene	12.18	104	295123	56.641	ug/l	99
71) Bromoform	12.35	173	52145	64.005	ug/l #	99
73) Isopropylbenzene	12.46	105	487209	54.552	ug/l	99
74) N-amyl acetate	12.27	43	158039	58.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93340	57.007	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67725m	58.342	ug/l	
77) Bromobenzene	12.74	156	104412	54.039	ug/l	100
78) n-propylbenzene	12.80	91	595589	54.626	ug/l	100
79) 2-Chlorotoluene	12.89	91	331149	53.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	409575	54.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31587	59.660	ug/l	99
82) 4-Chlorotoluene	12.99	91	348513	53.770	ug/l	99
83) tert-Butylbenzene	13.21	119	357268	56.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	408138	54.443	ug/l	99
85) sec-Butylbenzene	13.38	105	505239	55.785	ug/l	99
86) p-Isopropyltoluene	13.50	119	455963	56.373	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	202953	53.702	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	200836	53.521	ug/l	99
89) n-Butylbenzene	13.82	91	450170	55.968	ug/l	100
90) Hexachloroethane	14.09	117	78902	55.601	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	183006	55.199	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17816	64.544	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	126881	55.379	ug/l	99
94) Hexachlorobutadiene	15.24	225	90868	60.065	ug/l	98
95) Naphthalene	15.36	128	246407	54.392	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	112981	56.520	ug/l	99

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

