

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011654.D
 Acq On : 03 Aug 2019 07:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 9:20:09 AM

Quant Time: Aug 04 01:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134236	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.88	113	104520	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.32	98	417765	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.62	95	152193	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56013	46.307	ug/l	100
3) Chloromethane	2.21	50	93229	44.448	ug/l	97
4) Vinyl Chloride	2.36	62	113199	44.828	ug/l	98
5) Bromomethane	2.75	94	56970	40.759	ug/l	98
6) Chloroethane	2.90	64	65988	45.748	ug/l	99
7) Trichlorofluoromethane	3.25	101	50074	44.370	ug/l	94
8) Diethyl Ether	3.68	74	70887	55.400	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100779	47.075	ug/l	99
10) Methyl Iodide	4.27	142	155959	51.550	ug/l	100
11) Tert butyl alcohol	5.18	59	49433	270.207	ug/l	98
12) 1,1-Dichloroethene	4.04	96	108220	47.877	ug/l	99
13) Acrolein	3.89	56	58549	327.410	ug/l	97
14) Allyl chloride	4.66	41	238695	49.650	ug/l	99
15) Acrylonitrile	5.36	53	187460	293.483	ug/l	99
16) Acetone	4.12	43	148905	187.829	ug/l	96
17) Carbon Disulfide	4.38	76	325834	46.057	ug/l	98
18) Methyl Acetate	4.67	43	122721	68.908	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	205892	57.400	ug/l	100
20) Methylene Chloride	4.92	84	134710	49.270	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	125899	51.663	ug/l	93
22) Diisopropyl ether	6.31	45	503943	55.598	ug/l	98
23) Vinyl Acetate	6.25	43	1531973	268.981	ug/l	100
24) 1,1-Dichloroethane	6.21	63	259834	53.525	ug/l	99
25) 2-Butanone	7.17	43	269940	260.217	ug/l	99
26) 2,2-Dichloropropane	7.17	77	115298	38.620	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	141455	52.741	ug/l	99
28) Bromochloromethane	7.51	49	124866	57.950	ug/l	99
29) Tetrahydrofuran	7.52	42	178677	301.328	ug/l	99
30) Chloroform	7.67	83	241456	53.914	ug/l	98
31) Cyclohexane	7.95	56	209109	44.875	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	176731	51.816	ug/l	100
36) 1,1-Dichloropropene	8.08	75	183097	47.642	ug/l	99
37) Ethyl Acetate	7.25	43	120395	54.451	ug/l	98
38) Carbon Tetrachloride	8.07	117	159714	48.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195670	46.238	ug/l	98
40) Benzene	8.32	78	545107	50.637	ug/l	100
41) Methacrylonitrile	7.48	41	74899	56.668	ug/l	96
42) 1,2-Dichloroethane	8.40	62	180176	53.459	ug/l	100
43) Isopropyl Acetate	8.42	43	229133	56.349	ug/l	98
44) Trichloroethene	9.09	130	129138	49.912	ug/l	97
45) 1,2-Dichloropropane	9.37	63	150928	52.399	ug/l	99
46) Dibromomethane	9.46	93	71267	54.210	ug/l	99
47) Bromodichloromethane	9.65	83	182763	52.998	ug/l	99
48) Methyl methacrylate	9.43	41	113135	57.919	ug/l	99
49) 1,4-Dioxane	9.45	88	21275	1117.667	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	613602	290.104	ug/l	99
52) Toluene	10.38	92	331382	50.975	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	185390	51.464	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	217575	50.798	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101410	54.367	ug/l	98
56) Ethyl methacrylate	10.65	69	156136	57.203	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189832	53.793	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	398582	321.618	ug/l	100
59) 2-Hexanone	10.97	43	407512	272.875	ug/l	99
60) Dibromochloromethane	11.13	129	113422	54.780	ug/l	99
61) 1,2-Dibromoethane	11.23	107	96523	54.682	ug/l	100
64) Tetrachloroethene	10.86	164	115887	52.823	ug/l	97
65) Chlorobenzene	11.66	112	333726	49.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	120756	51.177	ug/l	99
67) Ethyl Benzene	11.73	91	637196	49.389	ug/l	100
68) m/p-Xylenes	11.84	106	459726	97.982	ug/l	100
69) o-Xylene	12.16	106	219688	50.387	ug/l	99
70) Styrene	12.18	104	389775	51.705	ug/l	99
71) Bromoform	12.35	173	64785	53.850	ug/l #	98
73) Isopropylbenzene	12.46	105	590068	48.551	ug/l	100
74) N-amyl acetate	12.27	43	203200	53.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123208	53.894	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	86296m	50.061	ug/l	
77) Bromobenzene	12.74	156	135720	50.522	ug/l	98
78) n-propylbenzene	12.80	91	716239	48.424	ug/l	99
79) 2-Chlorotoluene	12.89	91	419492	49.229	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	506629	49.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37151	49.669	ug/l	99
82) 4-Chlorotoluene	12.99	91	439711	49.182	ug/l	100
83) tert-Butylbenzene	13.21	119	418680	49.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	511121	49.803	ug/l	100
85) sec-Butylbenzene	13.38	105	584559	48.087	ug/l	99
86) p-Isopropyltoluene	13.50	119	532079	48.241	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	258337	49.045	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	254700	48.609	ug/l	99
89) n-Butylbenzene	13.82	91	509950	46.330	ug/l	100
90) Hexachloroethane	14.09	117	95856	49.148	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	232284	49.860	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21455	55.035	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	159845	48.684	ug/l	99
94) Hexachlorobutadiene	15.24	225	94976	46.386	ug/l	98
95) Naphthalene	15.36	128	329199	51.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	145024	50.390	ug/l	99

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

