

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011139.D
 Acq On : 03 Jul 2019 13:58
 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
 7/8/2019 9:41:34 AM

Quant Time: Jul 04 04:02:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133975	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	7.88	113	107083	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.32	98	449822	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	157900	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85186	50.695	ug/l	98
3) Chloromethane	2.21	50	109331	48.535	ug/l	97
4) Vinyl Chloride	2.35	62	146904	50.086	ug/l	98
5) Bromomethane	2.77	94	73122	50.086	ug/l	99
6) Chloroethane	2.92	64	81144	52.475	ug/l	99
7) Trichlorofluoromethane	3.25	101	55326	64.190	ug/l	95
8) Diethyl Ether	3.68	74	67213	49.239	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126690	52.263	ug/l	99
10) Methyl Iodide	4.26	142	166801	49.182	ug/l	100
11) Tert butyl alcohol	5.16	59	43967	207.749	ug/l	99
12) 1,1-Dichloroethene	4.03	96	129218	51.212	ug/l	94
13) Acrolein	3.89	56	38828	235.272	ug/l	100
14) Allyl chloride	4.66	41	249117	61.343	ug/l	99
15) Acrylonitrile	5.36	53	164289	244.407	ug/l	100
16) Acetone	4.12	43	204461	287.454	ug/l	97
17) Carbon Disulfide	4.38	76	380169	53.109	ug/l	100
18) Methyl Acetate	4.66	43	80327	43.597	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	177516	49.706	ug/l	98
20) Methylene Chloride	4.92	84	134057	46.388	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	135358	52.060	ug/l	99
22) Diisopropyl ether	6.31	45	500802	51.245	ug/l	97
23) Vinyl Acetate	6.24	43	1546825	256.883	ug/l	99
24) 1,1-Dichloroethane	6.21	63	266578	51.678	ug/l	100
25) 2-Butanone	7.17	43	261562	241.924	ug/l	99
26) 2,2-Dichloropropane	7.16	77	134657	50.277	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	144203	51.510	ug/l	98
28) Bromochloromethane	7.51	49	110133	45.862	ug/l	99
29) Tetrahydrofuran	7.52	42	156963	233.215	ug/l	99
30) Chloroform	7.67	83	241115	51.449	ug/l	100
31) Cyclohexane	7.95	56	275716	49.465	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	187684	53.594	ug/l	99
36) 1,1-Dichloropropene	8.08	75	207619	53.860	ug/l	99
37) Ethyl Acetate	7.25	43	106400	47.447	ug/l	99
38) Carbon Tetrachloride	8.06	117	174623	55.008	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	256355	54.038	ug/l	99
40) Benzene	8.32	78	563199	53.120	ug/l	99
41) Methacrylonitrile	7.48	41	60962	44.682	ug/l	91
42) 1,2-Dichloroethane	8.40	62	173054	49.781	ug/l	100
43) Isopropyl Acetate	8.42	43	204548	48.217	ug/l	99
44) Trichloroethene	9.09	130	135620	52.928	ug/l	97
45) 1,2-Dichloropropane	9.37	63	150976	52.438	ug/l	97
46) Dibromomethane	9.46	93	66530	49.409	ug/l	99
47) Bromodichloromethane	9.64	83	176390	52.909	ug/l	97
48) Methyl methacrylate	9.43	41	107702	52.361	ug/l	94
49) 1,4-Dioxane	9.44	88	21445	947.205	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	535783	239.932	ug/l	99
52) Toluene	10.38	92	347077	53.470	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	183081	52.723	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	222164	53.633	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94376	49.609	ug/l	97
56) Ethyl methacrylate	10.65	69	143723	50.451	ug/l	96
57) 1,3-Dichloropropane	10.93	76	182529	50.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	361478	250.787	ug/l	99
59) 2-Hexanone	10.97	43	396875	254.853	ug/l	99
60) Dibromochloromethane	11.13	129	104348	52.307	ug/l	99
61) 1,2-Dibromoethane	11.23	107	88458	49.669	ug/l	99
64) Tetrachloroethene	10.86	164	110900	51.570	ug/l	96
65) Chlorobenzene	11.66	112	337526	52.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	118114	54.386	ug/l	99
67) Ethyl Benzene	11.73	91	673010	54.933	ug/l	100
68) m/p-Xylenes	11.84	106	485003	109.097	ug/l	99
69) o-Xylene	12.16	106	225265	54.402	ug/l	100
70) Styrene	12.18	104	391815	54.453	ug/l	99
71) Bromoform	12.35	173	55762	52.667	ug/l #	100
73) Isopropylbenzene	12.46	105	631025	55.908	ug/l	100
74) N-amyl acetate	12.27	43	192788	50.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111984	50.524	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78582m	49.403	ug/l	
77) Bromobenzene	12.74	156	132487	53.403	ug/l	99
78) n-propylbenzene	12.80	91	782830	56.008	ug/l	99
79) 2-Chlorotoluene	12.89	91	434111	54.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	531274	55.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35884	48.165	ug/l	98
82) 4-Chlorotoluene	12.99	91	454942	54.671	ug/l	100
83) tert-Butylbenzene	13.21	119	448425	56.212	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	534524	55.280	ug/l	99
85) sec-Butylbenzene	13.38	105	649069	56.008	ug/l	100
86) p-Isopropyltoluene	13.50	119	581227	55.734	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	265276	54.056	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	261590	53.399	ug/l	99
89) n-Butylbenzene	13.82	91	591607	55.814	ug/l	99
90) Hexachloroethane	14.10	117	100661	56.413	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	230542	52.306	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18708	49.665	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	168963	54.485	ug/l	99
94) Hexachlorobutadiene	15.24	225	102240	54.357	ug/l	99
95) Naphthalene	15.37	128	302128	51.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	143076	51.670	ug/l	100

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

