

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008473.D
 Acq On : 01 Feb 2019 11:05
 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
 2/4/2019 4:32:13 PM

Quant Time: Feb 02 01:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	376177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	558485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	484882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	244973	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	178656	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	179125	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	
50) Toluene-d8	10.32	98	709832	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.62	95	254027	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	109357	50.285	ug/l	99
3) Chloromethane	2.21	50	131603	42.859	ug/l	99
4) Vinyl Chloride	2.37	62	209238	53.529	ug/l	100
5) Bromomethane	2.78	94	144621	57.361	ug/l	99
6) Chloroethane	2.93	64	137794	57.641	ug/l	97
7) Trichlorofluoromethane	3.26	101	185592	54.155	ug/l	94
8) Diethyl Ether	3.68	74	89181	47.538	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	200752	59.004	ug/l	97
10) Methyl Iodide	4.26	142	320429	59.625	ug/l	99
11) Tert butyl alcohol	5.16	59	69925	235.013	ug/l	99
12) 1,1-Dichloroethene	4.03	96	192176	55.812	ug/l	97
13) Acrolein	3.89	56	71488	271.948	ug/l	99
14) Allyl chloride	4.67	41	332914	50.917	ug/l	97
15) Acrylonitrile	5.36	53	192646	237.815	ug/l	98
16) Acetone	4.12	43	210970	254.212	ug/l	97
17) Carbon Disulfide	4.37	76	572508	52.060	ug/l	99
18) Methyl Acetate	4.67	43	102325	46.227	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	297982	52.305	ug/l	97
20) Methylene Chloride	4.91	84	190980	49.929	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	203725	52.628	ug/l	97
22) Diisopropyl ether	6.31	45	598487	48.297	ug/l	97
23) Vinyl Acetate	6.25	43	1687436	230.617	ug/l	99
24) 1,1-Dichloroethane	6.21	63	364371	51.947	ug/l	96
25) 2-Butanone	7.17	43	262160	227.429	ug/l	100
26) 2,2-Dichloropropane	7.17	77	278636	58.769	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	225538	53.460	ug/l	97
28) Bromochloromethane	7.51	49	136315	42.312	ug/l	95
29) Tetrahydrofuran	7.52	42	159486	218.332	ug/l	97
30) Chloroform	7.68	83	362352	52.521	ug/l	98
31) Cyclohexane	7.95	56	350977	48.392	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	338067	56.732	ug/l	99
36) 1,1-Dichloropropene	8.08	75	300934	57.044	ug/l	99
37) Ethyl Acetate	7.25	43	112105	48.031	ug/l	99
38) Carbon Tetrachloride	8.07	117	317608	59.828	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	380190	54.859	ug/l	98
40) Benzene	8.32	78	801221	54.732	ug/l	98
41) Methacrylonitrile	7.48	41	69996	50.648	ug/l	99
42) 1,2-Dichloroethane	8.40	62	225707	53.204	ug/l	100
43) Isopropyl Acetate	8.43	43	229074	47.241	ug/l	96
44) Trichloroethene	9.09	130	233020	58.536	ug/l	99
45) 1,2-Dichloropropane	9.37	63	193959	53.139	ug/l	98
46) Dibromomethane	9.46	93	98810	52.633	ug/l	96
47) Bromodichloromethane	9.65	83	268829	54.138	ug/l	98
48) Methyl methacrylate	9.43	41	110221	46.487	ug/l	100
49) 1,4-Dioxane	9.45	88	36161	1139.542	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	555669	231.957	ug/l	99
52) Toluene	10.39	92	523958	54.221	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	276095	52.253	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	317967	53.027	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	135459	52.020	ug/l	97
56) Ethyl methacrylate	10.65	69	173159	47.457	ug/l	98
57) 1,3-Dichloropropane	10.93	76	240124	51.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	405019	228.460	ug/l	96
59) 2-Hexanone	10.97	43	415619	245.758	ug/l	99
60) Dibromochloromethane	11.13	129	178967	53.481	ug/l	100
61) 1,2-Dibromoethane	11.24	107	133247	51.607	ug/l	100
64) Tetrachloroethene	10.87	164	192023	58.491	ug/l	98
65) Chlorobenzene	11.66	112	565396	57.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	202285	57.120	ug/l	99
67) Ethyl Benzene	11.73	91	1027310	56.463	ug/l	98
68) m/p-Xylenes	11.84	106	799531	113.258	ug/l	97
69) o-Xylene	12.17	106	373848	55.736	ug/l	98
70) Styrene	12.18	104	599393	54.100	ug/l	98
71) Bromoform	12.35	173	105695	53.046	ug/l #	100
73) Isopropylbenzene	12.47	105	1046157	57.282	ug/l	99
74) N-amyl acetate	12.27	43	218489	46.439	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	151549	52.413	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	115233m	54.103	ug/l	
77) Bromobenzene	12.75	156	227747	57.101	ug/l	96
78) n-propylbenzene	12.81	91	1270912	57.939	ug/l	99
79) 2-Chlorotoluene	12.90	91	690645	55.796	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	864021	56.602	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	54627	50.657	ug/l	97
82) 4-Chlorotoluene	12.99	91	728669	55.292	ug/l	97
83) tert-Butylbenzene	13.21	119	790968	58.228	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	878919	56.647	ug/l	100
85) sec-Butylbenzene	13.39	105	1128536	58.172	ug/l	100
86) p-Isopropyltoluene	13.51	119	1001157	58.915	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	458083	56.869	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	455133	56.854	ug/l	99
89) n-Butylbenzene	13.83	91	960678	57.577	ug/l	99
90) Hexachloroethane	14.10	117	191787	57.711	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	397344	55.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26635	48.549	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	295289	58.057	ug/l	98
94) Hexachlorobutadiene	15.24	225	189364	61.778	ug/l	99
95) Naphthalene	15.38	128	484669	54.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	245826	56.977	ug/l	99

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

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