

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031319\
 Data File : VW009157.D
 Acq On : 13 Mar 2019 16:00
 Operator : SY/VA
 Sample : VW0313SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0313SBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 12:43:42 PM

Quant Time: Mar 14 05:34:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	211436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147453	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.88	113	122978	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.32	98	516055	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	200822	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	61487	21.839	ug/l 100
3) Chloromethane	2.21	50	76371	21.352	ug/l 97
4) Vinyl Chloride	2.36	62	75826	20.890	ug/l 100
5) Bromomethane	2.76	94	65010	21.218	ug/l 97
6) Chloroethane	2.91	64	53626	20.753	ug/l 99
7) Trichlorofluoromethane	3.26	101	98977	21.178	ug/l 100
8) Diethyl Ether	3.68	74	28536	19.969	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59704	20.511	ug/l 99
10) Methyl Iodide	4.28	142	52178	18.660	ug/l 98
11) Tert butyl alcohol	5.18	59	19379	89.973	ug/l 95
12) 1,1-Dichloroethene	4.04	96	52434	20.883	ug/l 96
13) Acrolein	3.90	56	21501	90.716	ug/l 98
14) Allyl chloride	4.67	41	91421	20.642	ug/l 96
15) Acrylonitrile	5.37	53	65293	104.688	ug/l 99
16) Acetone	4.13	43	66899	105.475	ug/l 98
17) Carbon Disulfide	4.38	76	165846	19.632	ug/l 98
18) Methyl Acetate	4.68	43	30556	20.950	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	140515	21.156	ug/l 100
20) Methylene Chloride	4.92	84	65713	18.618	ug/l 95
21) trans-1,2-Dichloroethene	5.42	96	58280	20.103	ug/l 96
22) Diisopropyl ether	6.31	45	189834	21.569	ug/l 96
23) Vinyl Acetate	6.26	43	594380	108.522	ug/l 100
24) 1,1-Dichloroethane	6.22	63	106971	20.954	ug/l 99
25) 2-Butanone	7.18	43	92697	105.750	ug/l 99
26) 2,2-Dichloropropane	7.17	77	97321	20.973	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	65320	20.979	ug/l 99
28) Bromochloromethane	7.51	49	46944	22.108	ug/l 93
29) Tetrahydrofuran	7.53	42	55657	100.756	ug/l 99
30) Chloroform	7.68	83	109857	20.902	ug/l 99
31) Cyclohexane	7.96	56	109707	20.929	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	102651	21.163	ug/l 98
36) 1,1-Dichloropropene	8.08	75	89903	21.354	ug/l 99
37) Ethyl Acetate	7.26	43	41185	20.826	ug/l 98
38) Carbon Tetrachloride	8.07	117	92885	21.363	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	100565	20.054	ug/l	94
40) Benzene	8.32	78	235752	20.977	ug/l	99
41) Methacrylonitrile	7.48	41	21020	19.141	ug/l	98
42) 1,2-Dichloroethane	8.40	62	77127	21.257	ug/l	100
43) Isopropyl Acetate	8.43	43	76916	20.883	ug/l	99
44) Trichloroethene	9.09	130	65470	20.784	ug/l	96
45) 1,2-Dichloropropane	9.37	63	59712	21.213	ug/l	99
46) Dibromomethane	9.46	93	32120	20.894	ug/l	97
47) Bromodichloromethane	9.65	83	81853	21.034	ug/l	95
48) Methyl methacrylate	9.43	41	35090	20.461	ug/l	93
49) 1,4-Dioxane	9.46	88	8176	371.406	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	201348	107.683	ug/l	99
52) Toluene	10.39	92	156648	20.552	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	81583	21.197	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	94508	21.368	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	43802	21.022	ug/l	98
56) Ethyl methacrylate	10.65	69	53501	20.689	ug/l	98
57) 1,3-Dichloropropane	10.93	76	78438	21.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	144049	107.453	ug/l	98
59) 2-Hexanone	10.97	43	142337	108.271	ug/l	97
60) Dibromochloromethane	11.13	129	53375	20.699	ug/l	100
61) 1,2-Dibromoethane	11.23	107	41126	20.134	ug/l	97
64) Tetrachloroethene	10.87	164	57539	20.521	ug/l	93
65) Chlorobenzene	11.66	112	171934	20.317	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	60179	21.297	ug/l	98
67) Ethyl Benzene	11.73	91	314572	20.576	ug/l	100
68) m/p-Xylenes	11.84	106	246347	40.823	ug/l	100
69) o-Xylene	12.16	106	116010	20.661	ug/l	97
70) Styrene	12.18	104	186233	20.500	ug/l	99
71) Bromoform	12.35	173	30759	20.273	ug/l #	100
73) Isopropylbenzene	12.46	105	317137	20.945	ug/l	100
74) N-amyl acetate	12.27	43	76387	21.311	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51758	21.671	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	19389m	11.607	ug/l	
77) Bromobenzene	12.75	156	71657	20.713	ug/l	98
78) n-propylbenzene	12.80	91	393158	21.081	ug/l	99
79) 2-Chlorotoluene	12.90	91	222179	21.203	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	268246	20.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16113	21.574	ug/l	96
82) 4-Chlorotoluene	12.99	91	234002	20.950	ug/l	100
83) tert-Butylbenzene	13.21	119	230277	20.920	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	274463	20.788	ug/l	100
85) sec-Butylbenzene	13.38	105	338772	20.772	ug/l	99
86) p-Isopropyltoluene	13.50	119	301235	20.647	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	151882	20.890	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	150342	20.924	ug/l	99
89) n-Butylbenzene	13.83	91	286162	20.632	ug/l	99
90) Hexachloroethane	14.10	117	51643	20.524	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	132936	20.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8789	20.661	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	89869	20.745	ug/l	96
94) Hexachlorobutadiene	15.24	225	57581	21.220	ug/l	98
95) Naphthalene	15.37	128	144427	20.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	76436	20.065	ug/l	100

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

