

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010774.D
 Acq On : 12 Jun 2019 13:24
 Operator : SY/VA
 Sample : VW0612SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:31:57 AM

Quant Time: Jun 13 07:57:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	126827	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
35) Dibromofluoromethane	7.88	113	100226	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	10.32	98	429536	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	
62) 4-Bromofluorobenzene	12.62	95	156519	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46669	19.906	ug/l	98
3) Chloromethane	2.21	50	69907	20.267	ug/l	98
4) Vinyl Chloride	2.35	62	60836	19.089	ug/l	98
5) Bromomethane	2.74	94	36616	20.922	ug/l	93
6) Chloroethane	2.90	64	36742	19.207	ug/l	99
7) Trichlorofluoromethane	3.25	101	83134	20.096	ug/l	100
8) Diethyl Ether	3.68	74	26400	17.857	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50484	19.849	ug/l	99
10) Methyl Iodide	4.27	142	31935	15.817	ug/l	100
11) Tert butyl alcohol	5.16	59	31631	129.839	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	48018	19.571	ug/l	98
13) Acrolein	3.89	56	5357	53.812	ug/l	98
14) Allyl chloride	4.67	41	109049	20.158	ug/l	100
15) Acrylonitrile	5.37	53	62363	86.829	ug/l	99
16) Acetone	4.12	43	69361	86.565	ug/l	100
17) Carbon Disulfide	4.37	76	146344	18.790	ug/l	99
18) Methyl Acetate	4.67	43	31604	18.323	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	129935	18.362	ug/l	99
20) Methylene Chloride	4.92	84	57220	20.357	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	54945	19.727	ug/l	99
22) Diisopropyl ether	6.31	45	217690	20.100	ug/l	99
23) Vinyl Acetate	6.25	43	589334	90.165	ug/l	100
24) 1,1-Dichloroethane	6.21	63	109688	20.209	ug/l	99
25) 2-Butanone	7.17	43	96783	87.109	ug/l	97
26) 2,2-Dichloropropane	7.16	77	96605	21.873	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	60276	19.665	ug/l	94
28) Bromochloromethane	7.51	49	45529	18.796	ug/l	97
29) Tetrahydrofuran	7.52	42	59247	84.778	ug/l	99
30) Chloroform	7.68	83	98859	19.913	ug/l	98
31) Cyclohexane	7.95	56	118707	19.675	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	88123	20.320	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85006	19.964	ug/l	100
37) Ethyl Acetate	7.25	43	40204	17.039	ug/l	99
38) Carbon Tetrachloride	8.07	117	73791	20.075	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104970	19.393	ug/l	98
40) Benzene	8.32	78	230780	19.868	ug/l	99
41) Methacrylonitrile	7.49	41	23816	16.981	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70272	19.061	ug/l	98
43) Isopropyl Acetate	8.43	43	77320	16.962	ug/l	97
44) Trichloroethene	9.09	130	56384	19.678	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60453	19.660	ug/l	96
46) Dibromomethane	9.46	93	26267	18.392	ug/l	98
47) Bromodichloromethane	9.64	83	71274	19.252	ug/l	96
48) Methyl methacrylate	9.44	41	37738	17.171	ug/l	100
49) 1,4-Dioxane	9.44	88	8220	368.125	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	198540	85.255	ug/l	99
52) Toluene	10.39	92	141570	19.808	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	73033	18.625	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89621	19.423	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37309	18.133	ug/l	95
56) Ethyl methacrylate	10.65	69	54708	17.280	ug/l	95
57) 1,3-Dichloropropane	10.93	76	72084	18.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	140631	84.807	ug/l	99
59) 2-Hexanone	10.97	43	137933	81.954	ug/l	99
60) Dibromochloromethane	11.13	129	41588	18.234	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34526	17.711	ug/l	99
64) Tetrachloroethene	10.86	164	47111	19.468	ug/l	97
65) Chlorobenzene	11.66	112	142805	19.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49154	19.812	ug/l	100
67) Ethyl Benzene	11.73	91	276154	20.048	ug/l	98
68) m/p-Xylenes	11.84	106	199845	40.530	ug/l	99
69) o-Xylene	12.17	106	92590	19.799	ug/l	95
70) Styrene	12.18	104	161950	19.935	ug/l	99
71) Bromoform	12.35	173	22090	17.215	ug/l #	100
73) Isopropylbenzene	12.47	105	263048	20.082	ug/l	99
74) N-amyl acetate	12.27	43	74082	17.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43311	17.369	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33215m	18.146	ug/l	
77) Bromobenzene	12.75	156	55870	19.540	ug/l	99
78) n-propylbenzene	12.80	91	322113	20.394	ug/l	99
79) 2-Chlorotoluene	12.90	91	183023	20.283	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219258	20.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13163	16.527	ug/l	97
82) 4-Chlorotoluene	12.99	91	190420	20.449	ug/l	98
83) tert-Butylbenzene	13.21	119	190946	20.985	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	219529	20.348	ug/l	100
85) sec-Butylbenzene	13.39	105	268979	20.304	ug/l	100
86) p-Isopropyltoluene	13.50	119	240510	20.301	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	108953	19.760	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	107655	19.694	ug/l	98
89) n-Butylbenzene	13.83	91	243839	20.629	ug/l	100
90) Hexachloroethane	14.10	117	42207	19.894	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	95848	19.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7663	17.896	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64682	18.588	ug/l	99
94) Hexachlorobutadiene	15.24	225	44198	20.238	ug/l	98
95) Naphthalene	15.37	128	103605	16.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	54834	18.529	ug/l	99

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

