

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010704.D
 Acq On : 06 Jun 2019 12:36
 Operator : SY/VA
 Sample : VW0606SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 11:24:49 AM

Quant Time: Jun 07 08:14:07 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	278765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	403439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	164062	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.88	113	129146	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.32	98	540988	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	200199	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	50672	19.670	ug/l	99
3) Chloromethane	2.21	50	72376	19.096	ug/l	97
4) Vinyl Chloride	2.35	62	66100	18.877	ug/l	98
5) Bromomethane	2.74	94	36055	18.750	ug/l	98
6) Chloroethane	2.90	64	39755	18.914	ug/l	100
7) Trichlorofluoromethane	3.25	101	91521	20.134	ug/l	100
8) Diethyl Ether	3.68	74	31337	19.291	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	55381	19.817	ug/l	99
10) Methyl Iodide	4.26	142	45670	19.140	ug/l	98
11) Tert butyl alcohol	5.17	59	36797	137.466	ug/l	95
12) 1,1-Dichloroethene	4.03	96	52287	19.395	ug/l	97
13) Acrolein	3.89	56	10034	91.733	ug/l	98
14) Allyl chloride	4.67	41	120026	20.192	ug/l	98
15) Acrylonitrile	5.37	53	76520	96.962	ug/l	99
16) Acetone	4.12	43	82609	93.831	ug/l	99
17) Carbon Disulfide	4.37	76	166245	19.426	ug/l	100
18) Methyl Acetate	4.67	43	35581	18.775	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	150965	19.416	ug/l	97
20) Methylene Chloride	4.92	84	60092	19.456	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	60435	19.748	ug/l	99
22) Diisopropyl ether	6.31	45	239116	20.093	ug/l	98
23) Vinyl Acetate	6.26	43	716822	99.810	ug/l	100
24) 1,1-Dichloroethane	6.21	63	119337	20.010	ug/l	98
25) 2-Butanone	7.17	43	121725	99.709	ug/l	100
26) 2,2-Dichloropropane	7.17	77	103429	21.313	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	66238	19.667	ug/l	96
28) Bromochloromethane	7.51	49	53597	20.138	ug/l	98
29) Tetrahydrofuran	7.53	42	73861	96.189	ug/l	100
30) Chloroform	7.68	83	108144	19.825	ug/l	98
31) Cyclohexane	7.95	56	130827	19.734	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	95084	19.955	ug/l	99
36) 1,1-Dichloropropene	8.08	75	93513	20.257	ug/l	100
37) Ethyl Acetate	7.25	43	50990	19.933	ug/l	100
38) Carbon Tetrachloride	8.07	117	80438	20.185	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117814	20.076	ug/l	99
40) Benzene	8.32	78	251282	19.954	ug/l	100
41) Methacrylonitrile	7.48	41	29800	19.599	ug/l	99
42) 1,2-Dichloroethane	8.40	62	80204	20.067	ug/l	99
43) Isopropyl Acetate	8.43	43	97548	19.739	ug/l	100
44) Trichloroethene	9.09	130	60426	19.452	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67166	20.148	ug/l	98
46) Dibromomethane	9.46	93	30282	19.557	ug/l	99
47) Bromodichloromethane	9.65	83	79483	19.803	ug/l	96
48) Methyl methacrylate	9.43	41	46642	19.575	ug/l	99
49) 1,4-Dioxane	9.45	88	9660	399.038	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	251323	99.545	ug/l	100
52) Toluene	10.39	92	155138	20.022	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	84405	19.854	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	100304	20.051	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43450	19.479	ug/l	97
56) Ethyl methacrylate	10.65	69	67522	19.672	ug/l	98
57) 1,3-Dichloropropane	10.93	76	82905	19.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	179119	99.634	ug/l	100
59) 2-Hexanone	10.97	43	178310	97.722	ug/l	99
60) Dibromochloromethane	11.13	129	47643	19.268	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41818	19.787	ug/l	98
64) Tetrachloroethene	10.86	164	52003	19.414	ug/l	99
65) Chlorobenzene	11.66	112	156907	19.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53196	19.370	ug/l	98
67) Ethyl Benzene	11.73	91	301063	19.745	ug/l	99
68) m/p-Xylenes	11.84	106	216741	39.710	ug/l	99
69) o-Xylene	12.16	106	101270	19.563	ug/l	97
70) Styrene	12.18	104	175703	19.539	ug/l	99
71) Bromoform	12.35	173	26594	18.723	ug/l #	100
73) Isopropylbenzene	12.46	105	286796	19.713	ug/l	99
74) N-amyl acetate	12.27	43	91283	19.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	52255	18.867	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39306m	19.333	ug/l	
77) Bromobenzene	12.75	156	61856	19.478	ug/l	98
78) n-propylbenzene	12.80	91	351342	20.028	ug/l	100
79) 2-Chlorotoluene	12.90	91	197590	19.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	236705	19.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16396	18.535	ug/l	96
82) 4-Chlorotoluene	12.99	91	204476	19.770	ug/l	100
83) tert-Butylbenzene	13.21	119	199155	19.706	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	236121	19.705	ug/l	100
85) sec-Butylbenzene	13.38	105	290964	19.774	ug/l	100
86) p-Isopropyltoluene	13.50	119	261189	19.850	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	120734	19.714	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120237	19.804	ug/l	98
89) n-Butylbenzene	13.83	91	265055	20.189	ug/l	99
90) Hexachloroethane	14.10	117	45957	19.503	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	106728	19.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9098	19.129	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76805	19.873	ug/l	98
94) Hexachlorobutadiene	15.24	225	48408	19.957	ug/l	100
95) Naphthalene	15.37	128	132140	18.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	65057	19.793	ug/l	99

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

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