

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010885.D
 Acq On : 20 Jun 2019 12:00
 Operator : SY/VA
 Sample : VW0620SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 3:20:46 PM

Quant Time: Jun 21 07:59:25 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	252825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142923	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	106912	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.32	98	466409	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.62	95	172653	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47014	20.123	ug/l	98
3) Chloromethane	2.21	50	67481	19.631	ug/l	100
4) Vinyl Chloride	2.35	62	62073	19.545	ug/l	99
5) Bromomethane	2.73	94	31977	18.335	ug/l	96
6) Chloroethane	2.87	64	37361	19.599	ug/l	98
7) Trichlorofluoromethane	3.23	101	88271	21.412	ug/l	96
8) Diethyl Ether	3.68	74	30096	20.428	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.04	101	55534	21.910	ug/l	99
10) Methyl Iodide	4.26	142	33586	16.427	ug/l	99
11) Tert butyl alcohol	5.19	59	22431m	92.395	ug/l	
12) 1,1-Dichloroethene	4.03	96	51162	20.925	ug/l	98
13) Acrolein	3.90	56	5924	59.715	ug/l	100
14) Allyl chloride	4.66	41	115556	21.435	ug/l	98
15) Acrylonitrile	5.37	53	72522	101.325	ug/l	100
16) Acetone	4.13	43	79140	99.113	ug/l	100
17) Carbon Disulfide	4.37	76	142050	18.302	ug/l	98
18) Methyl Acetate	4.67	43	38423	22.354	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	143897	20.406	ug/l	99
20) Methylene Chloride	4.91	84	58172	20.767	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59171	21.318	ug/l	96
22) Diisopropyl ether	6.31	45	241617	22.386	ug/l	97
23) Vinyl Acetate	6.25	43	675885	103.766	ug/l	99
24) 1,1-Dichloroethane	6.21	63	120853	22.344	ug/l	99
25) 2-Butanone	7.17	43	115084	103.942	ug/l	99
26) 2,2-Dichloropropane	7.17	77	101744	23.117	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	66588	21.800	ug/l	97
28) Bromochloromethane	7.51	49	46154	19.121	ug/l	96
29) Tetrahydrofuran	7.53	42	69973	100.475	ug/l	97
30) Chloroform	7.67	83	109197	22.072	ug/l	99
31) Cyclohexane	7.95	56	128875	21.434	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	94812	21.939	ug/l	99
36) 1,1-Dichloropropene	8.08	75	92936	22.009	ug/l	99
37) Ethyl Acetate	7.25	43	48055	20.537	ug/l	99
38) Carbon Tetrachloride	8.06	117	79305	21.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	114334	21.300	ug/l	97
40) Benzene	8.32	78	253383	21.996	ug/l	99
41) Methacrylonitrile	7.48	41	28486	20.481	ug/l	98
42) 1,2-Dichloroethane	8.40	62	79443	21.729	ug/l	99
43) Isopropyl Acetate	8.42	43	91663	20.277	ug/l	100
44) Trichloroethene	9.09	130	61870	21.773	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67295	22.068	ug/l	97
46) Dibromomethane	9.46	93	29676	20.952	ug/l	98
47) Bromodichloromethane	9.64	83	77123	21.006	ug/l	99
48) Methyl methacrylate	9.43	41	43638	20.021	ug/l	99
49) 1,4-Dioxane	9.45	88	9046	408.507	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	232786	100.798	ug/l	99
52) Toluene	10.38	92	156136	22.029	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	79552	20.457	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	96739	21.141	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42761	20.957	ug/l	97
56) Ethyl methacrylate	10.65	69	62648	19.954	ug/l	96
57) 1,3-Dichloropropane	10.93	76	81754	21.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	169104	102.832	ug/l	99
59) 2-Hexanone	10.97	43	164644	98.643	ug/l	98
60) Dibromochloromethane	11.13	129	44457	19.655	ug/l	100
61) 1,2-Dibromoethane	11.24	107	39535	20.450	ug/l	99
64) Tetrachloroethene	10.86	164	51160	21.148	ug/l	97
65) Chlorobenzene	11.66	112	155129	21.651	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52504	21.169	ug/l	98
67) Ethyl Benzene	11.73	91	303717	22.056	ug/l	99
68) m/p-Xylenes	11.84	106	218463	44.319	ug/l	100
69) o-Xylene	12.16	106	102085	21.836	ug/l	96
70) Styrene	12.18	104	175175	21.570	ug/l	100
71) Bromoform	12.35	173	23213	18.096	ug/l #	96
73) Isopropylbenzene	12.46	105	287096	22.032	ug/l	100
74) N-amyl acetate	12.27	43	83480	19.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49881	20.107	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36811m	20.214	ug/l	
77) Bromobenzene	12.75	156	60992	21.442	ug/l	98
78) n-propylbenzene	12.80	91	351624	22.378	ug/l	100
79) 2-Chlorotoluene	12.90	91	198991	22.167	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	235527	22.082	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14197	17.918	ug/l	93
82) 4-Chlorotoluene	12.99	91	205923	22.228	ug/l	99
83) tert-Butylbenzene	13.21	119	200468	22.146	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	233474	21.752	ug/l	98
85) sec-Butylbenzene	13.38	105	290817	22.066	ug/l	100
86) p-Isopropyltoluene	13.50	119	255856	21.709	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	119966	21.870	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117156	21.543	ug/l	98
89) n-Butylbenzene	13.83	91	260049	22.114	ug/l	98
90) Hexachloroethane	14.10	117	43224	20.479	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	104246	21.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8149	19.129	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72466	20.933	ug/l	99
94) Hexachlorobutadiene	15.24	225	45525	20.954	ug/l	99
95) Naphthalene	15.37	128	121862	19.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	61634	20.935	ug/l	99

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

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