

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010849.D
 Acq On : 19 Jun 2019 14:39
 Operator : SY/VA
 Sample : VW0619SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 12:00:17 PM

Quant Time: Jun 20 06:04:36 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	250837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179129	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	166500	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
35) Dibromofluoromethane	7.88	113	127364	56.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.24%	
50) Toluene-d8	10.32	98	529425	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.62	95	196107	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49090	21.178	ug/l	96
3) Chloromethane	2.21	50	72399	21.229	ug/l	97
4) Vinyl Chloride	2.35	62	64523	20.478	ug/l	100
5) Bromomethane	2.74	94	36082	20.853	ug/l	96
6) Chloroethane	2.90	64	38674	20.448	ug/l	99
7) Trichlorofluoromethane	3.25	101	88353	21.601	ug/l	99
8) Diethyl Ether	3.68	74	31082	21.264	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	54690	21.748	ug/l	99
10) Methyl Iodide	4.27	142	39639	18.632	ug/l	98
11) Tert butyl alcohol	5.17	59	43953	182.482	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	50738	20.916	ug/l	94
13) Acrolein	3.90	56	5983	60.788	ug/l	98
14) Allyl chloride	4.67	41	117567	21.981	ug/l	97
15) Acrylonitrile	5.37	53	77582	109.253	ug/l	99
16) Acetone	4.12	43	89011	112.359	ug/l	97
17) Carbon Disulfide	4.37	76	151397	19.661	ug/l	98
18) Methyl Acetate	4.67	43	42237	24.768	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	151731	21.687	ug/l	99
20) Methylene Chloride	4.92	84	60129	21.636	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	58617	21.286	ug/l	95
22) Diisopropyl ether	6.31	45	242487	22.645	ug/l	97
23) Vinyl Acetate	6.26	43	704111	108.956	ug/l	99
24) 1,1-Dichloroethane	6.21	63	119442	22.258	ug/l	99
25) 2-Butanone	7.17	43	129164	117.583	ug/l	96
26) 2,2-Dichloropropane	7.17	77	105802	24.229	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	65712	21.683	ug/l	93
28) Bromochloromethane	7.51	49	46759	19.525	ug/l	96
29) Tetrahydrofuran	7.53	42	76107	110.149	ug/l	98
30) Chloroform	7.68	83	109787	22.367	ug/l	98
31) Cyclohexane	7.95	56	126018	21.125	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	94708	22.089	ug/l	98
36) 1,1-Dichloropropene	8.09	75	91213	21.502	ug/l	99
37) Ethyl Acetate	7.26	43	53431	22.729	ug/l	99
38) Carbon Tetrachloride	8.07	117	79474	21.702	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111654	20.705	ug/l	98
40) Benzene	8.32	78	253814	21.932	ug/l	100
41) Methacrylonitrile	7.49	41	29540	21.141	ug/l	97
42) 1,2-Dichloroethane	8.40	62	82044	22.337	ug/l	99
43) Isopropyl Acetate	8.43	43	98541	21.698	ug/l	100
44) Trichloroethene	9.09	130	60432	21.169	ug/l	98
45) 1,2-Dichloropropane	9.37	63	68752	22.442	ug/l	96
46) Dibromomethane	9.46	93	30994	21.782	ug/l	97
47) Bromodichloromethane	9.65	83	79598	21.580	ug/l	95
48) Methyl methacrylate	9.44	41	47336	21.618	ug/l	96
49) 1,4-Dioxane	9.45	88	10024	450.587	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	259353	111.784	ug/l	99
52) Toluene	10.39	92	154116	21.644	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	83410	21.350	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	98460	21.418	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44251	21.588	ug/l	98
56) Ethyl methacrylate	10.65	69	67507	21.402	ug/l	97
57) 1,3-Dichloropropane	10.93	76	84765	21.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	151958	91.980	ug/l	99
59) 2-Hexanone	10.97	43	182686	108.949	ug/l	99
60) Dibromochloromethane	11.13	129	46937	20.656	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42091	21.672	ug/l	99
64) Tetrachloroethene	10.86	164	51450	20.856	ug/l	95
65) Chlorobenzene	11.66	112	155768	21.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	53843	21.288	ug/l	99
67) Ethyl Benzene	11.73	91	302264	21.526	ug/l	99
68) m/p-Xylenes	11.84	106	214154	42.604	ug/l	98
69) o-Xylene	12.16	106	101146	21.217	ug/l	98
70) Styrene	12.18	104	174045	21.016	ug/l	98
71) Bromoform	12.35	173	26073	19.933	ug/l #	99
73) Isopropylbenzene	12.47	105	284730	21.152	ug/l	99
74) N-amyl acetate	12.27	43	93612	21.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	54470	21.256	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39489m	20.993	ug/l	
77) Bromobenzene	12.75	156	62235	21.181	ug/l	96
78) n-propylbenzene	12.80	91	344555	21.228	ug/l	100
79) 2-Chlorotoluene	12.90	91	198344	21.389	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	234305	21.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16626	20.314	ug/l	94
82) 4-Chlorotoluene	12.99	91	206879	21.619	ug/l	98
83) tert-Butylbenzene	13.21	119	197052	21.073	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	237488	21.420	ug/l	99
85) sec-Butylbenzene	13.38	105	287676	21.130	ug/l	100
86) p-Isopropyltoluene	13.50	119	257564	21.156	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	120950	21.345	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	120643	21.476	ug/l	99
89) n-Butylbenzene	13.83	91	260687	21.461	ug/l	99
90) Hexachloroethane	14.10	117	45895	21.050	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	108202	21.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9465	21.509	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75389	21.082	ug/l	99
94) Hexachlorobutadiene	15.24	225	47753	21.278	ug/l	98
95) Naphthalene	15.37	128	127738	19.661	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	65071	21.397	ug/l	100

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

