

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009577.D
 Acq On : 29 Mar 2019 17:47
 Operator : SY/VA
 Sample : VW0329SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:04:59 AM

Quant Time: Mar 30 05:18:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	172168	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.88	113	143016	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.32	98	522434	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	199107	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33464	18.350	ug/l	97
3) Chloromethane	2.21	50	44952	19.426	ug/l	98
4) Vinyl Chloride	2.37	62	60301	19.512	ug/l	96
5) Bromomethane	2.77	94	47135	19.769	ug/l	99
6) Chloroethane	2.92	64	45279	19.784	ug/l	98
7) Trichlorofluoromethane	3.25	101	37231	17.632	ug/l	97
8) Diethyl Ether	3.67	74	29380	20.721	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57119	20.161	ug/l	95
10) Methyl Iodide	4.27	142	75543	19.542	ug/l	97
11) Tert butyl alcohol	5.18	59	20966	115.120	ug/l #	70
12) 1,1-Dichloroethene	4.03	96	52336	19.740	ug/l	91
13) Acrolein	3.88	56	13231	99.050	ug/l	91
14) Allyl chloride	4.66	41	73755	17.393	ug/l	97
15) Acrylonitrile	5.37	53	67328	103.886	ug/l	98
16) Acetone	4.12	43	72393	102.506	ug/l	98
17) Carbon Disulfide	4.37	76	145796	19.326	ug/l	97
18) Methyl Acetate	4.67	43	33820	19.811	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	72399	19.634	ug/l	99
20) Methylene Chloride	4.92	84	71443	23.749	ug/l #	92
21) trans-1,2-Dichloroethene	5.41	96	55133	19.586	ug/l	91
22) Diisopropyl ether	6.31	45	182273	19.903	ug/l	100
23) Vinyl Acetate	6.25	43	603845	105.692	ug/l	99
24) 1,1-Dichloroethane	6.21	63	108001	19.593	ug/l	97
25) 2-Butanone	7.17	43	107356	110.004	ug/l	97
26) 2,2-Dichloropropane	7.17	77	58563	18.583	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	60813	19.781	ug/l	96
28) Bromochloromethane	7.51	49	50732	21.240	ug/l #	94
29) Tetrahydrofuran	7.52	42	68580	113.170	ug/l	99
30) Chloroform	7.67	83	114021	19.972	ug/l	100
31) Cyclohexane	7.95	56	96485	18.671	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	86826	18.786	ug/l	99
36) 1,1-Dichloropropene	8.07	75	84693	18.913	ug/l	99
37) Ethyl Acetate	7.25	43	47215	22.193	ug/l	99
38) Carbon Tetrachloride	8.06	117	88008	19.180	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95814	18.731	ug/l	96
40) Benzene	8.32	78	238210	19.639	ug/l	98
41) Methacrylonitrile	7.48	41	26358	21.454	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	83784	20.261	ug/l	99
43) Isopropyl Acetate	8.43	43	87993	21.104	ug/l	100
44) Trichloroethene	9.09	130	61495	19.583	ug/l	95
45) 1,2-Dichloropropane	9.37	63	60865	19.604	ug/l	94
46) Dibromomethane	9.46	93	35333	21.008	ug/l	96
47) Bromodichloromethane	9.64	83	85117	19.840	ug/l	96
48) Methyl methacrylate	9.43	41	40624	20.785	ug/l	99
49) 1,4-Dioxane	9.44	88	11301	451.197	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	243175	109.007	ug/l	99
52) Toluene	10.38	92	146005	19.221	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	81271	19.346	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91387	19.620	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	47798	21.025	ug/l	97
56) Ethyl methacrylate	10.65	69	56642	20.420	ug/l	94
57) 1,3-Dichloropropane	10.93	76	80848	20.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	142588	104.604	ug/l	100
59) 2-Hexanone	10.97	43	168140	108.906	ug/l	98
60) Dibromochloromethane	11.13	129	55672	20.281	ug/l	97
61) 1,2-Dibromoethane	11.23	107	45561	20.899	ug/l	98
64) Tetrachloroethene	10.86	164	53069	19.061	ug/l	94
65) Chlorobenzene	11.66	112	164926	19.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	61389	19.509	ug/l	99
67) Ethyl Benzene	11.73	91	284005	18.666	ug/l	99
68) m/p-Xylenes	11.84	106	222810	38.566	ug/l	99
69) o-Xylene	12.16	106	100354	18.652	ug/l	97
70) Styrene	12.18	104	170319	18.952	ug/l	100
71) Bromoform	12.35	173	34224	20.210	ug/l #	100
73) Isopropylbenzene	12.46	105	290879	18.298	ug/l	99
74) N-amyl acetate	12.27	43	86263	20.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	61519	20.464	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	42872m	19.958	ug/l	
77) Bromobenzene	12.75	156	70104	19.150	ug/l	99
78) n-propylbenzene	12.80	91	360610	18.397	ug/l	100
79) 2-Chlorotoluene	12.89	91	204546	18.362	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	249273	18.620	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	18091	19.585	ug/l	95
82) 4-Chlorotoluene	12.99	91	216664	18.481	ug/l	100
83) tert-Butylbenzene	13.21	119	212081	18.610	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	259137	18.829	ug/l	100
85) sec-Butylbenzene	13.38	105	317351	18.458	ug/l	99
86) p-Isopropyltoluene	13.50	119	278211	18.604	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	143991	19.050	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147222	19.501	ug/l	99
89) n-Butylbenzene	13.83	91	271942	18.423	ug/l	99
90) Hexachloroethane	14.10	117	53540	18.697	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	130290	19.277	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11533	21.015	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	86835	19.949	ug/l	99
94) Hexachlorobutadiene	15.24	225	52592	18.814	ug/l	99
95) Naphthalene	15.37	128	162056	20.043	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	77808	20.008	ug/l	96

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

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