

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009609.D
 Acq On : 31 Mar 2019 14:31
 Operator : SY/VA
 Sample : VW0331SBS01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0331SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 5:30:25 PM

Quant Time: Apr 01 05:18:22 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	296540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	236030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	180617	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.88	113	151138	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.32	98	551283	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.62	95	209169	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	35359	17.910	ug/l	92
3) Chloromethane	2.21	50	45789	18.330	ug/l	98
4) Vinyl Chloride	2.36	62	65846	19.736	ug/l	92
5) Bromomethane	2.77	94	47259	18.360	ug/l	94
6) Chloroethane	2.92	64	44678	18.082	ug/l	92
7) Trichlorofluoromethane	3.24	101	38159	16.739	ug/l	98
8) Diethyl Ether	3.67	74	29963	19.575	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60670	19.836	ug/l	96
10) Methyl Iodide	4.27	142	76517	18.335	ug/l	96
11) Tert butyl alcohol	5.18	59	19629	99.835	ug/l	99
12) 1,1-Dichloroethene	4.03	96	55186	19.281	ug/l	99
13) Acrolein	3.89	56	14395	99.821	ug/l	96
14) Allyl chloride	4.65	41	73392	16.031	ug/l	95
15) Acrylonitrile	5.36	53	66362	94.849	ug/l	99
16) Acetone	4.12	43	72832	95.527	ug/l	97
17) Carbon Disulfide	4.37	76	149243	18.325	ug/l	99
18) Methyl Acetate	4.67	43	33439	18.144	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	73734	18.522	ug/l	97
20) Methylene Chloride	4.90	84	61203	17.978	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	58554	19.268	ug/l	88
22) Diisopropyl ether	6.31	45	191942	19.414	ug/l	98
23) Vinyl Acetate	6.25	43	621573	100.777	ug/l	99
24) 1,1-Dichloroethane	6.20	63	115550	19.418	ug/l	96
25) 2-Butanone	7.16	43	107862	102.377	ug/l	92
26) 2,2-Dichloropropane	7.16	77	61275	18.010	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	66193	19.945	ug/l	99
28) Bromochloromethane	7.50	49	56691	21.985	ug/l #	94
29) Tetrahydrofuran	7.52	42	67284	102.848	ug/l	98
30) Chloroform	7.67	83	121092	19.647	ug/l	99
31) Cyclohexane	7.95	56	103824	18.610	ug/l #	94
32) 1,1,1-Trichloroethane	7.86	97	91575	18.354	ug/l	98
36) 1,1-Dichloropropene	8.08	75	94248	19.759	ug/l	99
37) Ethyl Acetate	7.25	43	47938	21.154	ug/l	99
38) Carbon Tetrachloride	8.06	117	92919	19.012	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	102058	18.731	ug/l	96
40) Benzene	8.32	78	257619	19.940	ug/l	100
41) Methacrylonitrile	7.48	41	27812	21.289	ug/l	91
42) 1,2-Dichloroethane	8.40	62	88849	20.172	ug/l	100
43) Isopropyl Acetate	8.43	43	88395	19.904	ug/l	100
44) Trichloroethene	9.09	130	64551	19.299	ug/l	96
45) 1,2-Dichloropropane	9.37	63	66221	20.025	ug/l	93
46) Dibromomethane	9.46	93	35752	19.957	ug/l	97
47) Bromodichloromethane	9.64	83	89974	19.689	ug/l	98
48) Methyl methacrylate	9.43	41	40926	19.659	ug/l	100
49) 1,4-Dioxane	9.44	88	11810	442.685	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	241465	101.621	ug/l	99
52) Toluene	10.38	92	160749	19.868	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	86264	19.279	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	95783	19.307	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	48316	19.953	ug/l	92
56) Ethyl methacrylate	10.65	69	57385	19.608	ug/l	96
57) 1,3-Dichloropropane	10.93	76	85455	19.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	154507	106.121	ug/l	98
59) 2-Hexanone	10.97	43	168350	102.374	ug/l	99
60) Dibromochloromethane	11.13	129	57166	19.552	ug/l	98
61) 1,2-Dibromoethane	11.23	107	47312	20.375	ug/l	99
64) Tetrachloroethene	10.86	164	56579	19.633	ug/l	97
65) Chlorobenzene	11.66	112	172880	19.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	63360	19.453	ug/l	97
67) Ethyl Benzene	11.73	91	305034	19.368	ug/l	99
68) m/p-Xylenes	11.84	106	235517	39.383	ug/l	98
69) o-Xylene	12.16	106	108596	19.500	ug/l	100
70) Styrene	12.18	104	181808	19.545	ug/l	99
71) Bromoform	12.35	173	33931	19.358	ug/l #	97
73) Isopropylbenzene	12.46	105	308068	18.755	ug/l	99
74) N-amyl acetate	12.27	43	86351	19.941	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	61586	19.826	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52496m	23.651	ug/l	
77) Bromobenzene	12.74	156	72400	19.140	ug/l	98
78) n-propylbenzene	12.80	91	390789	19.294	ug/l	99
79) 2-Chlorotoluene	12.89	91	218498	18.982	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	268796	19.431	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	18833	19.731	ug/l	94
82) 4-Chlorotoluene	12.99	91	231537	19.113	ug/l	99
83) tert-Butylbenzene	13.21	119	221425	18.804	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	273156	19.208	ug/l	99
85) sec-Butylbenzene	13.38	105	340306	19.156	ug/l	98
86) p-Isopropyltoluene	13.50	119	293547	18.997	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	150060	19.213	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	148518	19.038	ug/l	97
89) n-Butylbenzene	13.83	91	290198	19.027	ug/l	98
90) Hexachloroethane	14.09	117	57721	19.507	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	135359	19.381	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11415	20.129	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	89033	19.795	ug/l	97
94) Hexachlorobutadiene	15.24	225	55259	19.131	ug/l	98
95) Naphthalene	15.37	128	158286	19.095	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	79969	19.901	ug/l	97

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

