

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008849.D
 Acq On : 27 Feb 2019 12:46
 Operator : SY/VA
 Sample : VW0227SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 12:09:42 AM

Quant Time: Feb 28 07:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	311590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	433312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165255	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	
35) Dibromofluoromethane	7.88	113	152653	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
50) Toluene-d8	10.32	98	577284	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.62	95	219411	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	55854	17.897	ug/l	99
3) Chloromethane	2.21	50	67992	17.898	ug/l	99
4) Vinyl Chloride	2.36	62	73825	18.355	ug/l	99
5) Bromomethane	2.75	94	54558	18.262	ug/l	100
6) Chloroethane	2.90	64	50990	17.853	ug/l	98
7) Trichlorofluoromethane	3.25	101	95876	18.847	ug/l	95
8) Diethyl Ether	3.69	74	31252	19.405	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59549	19.277	ug/l	99
10) Methyl Iodide	4.27	142	64558	16.712	ug/l	100
11) Tert butyl alcohol	5.18	59	23928	91.969	ug/l	100
12) 1,1-Dichloroethene	4.03	96	53770	19.709	ug/l	98
13) Acrolein	3.89	56	23289	97.929	ug/l	99
14) Allyl chloride	4.67	41	91275	19.385	ug/l	99
15) Acrylonitrile	5.37	53	68557	99.189	ug/l	99
16) Acetone	4.12	43	69117	102.033	ug/l	93
17) Carbon Disulfide	4.37	76	157158	17.362	ug/l	100
18) Methyl Acetate	4.68	43	31691	19.724	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	149476	20.242	ug/l	99
20) Methylene Chloride	4.92	84	67060	16.693	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	61195	19.391	ug/l	90
22) Diisopropyl ether	6.31	45	187880	20.003	ug/l	97
23) Vinyl Acetate	6.26	43	601291	103.610	ug/l	99
24) 1,1-Dichloroethane	6.22	63	108571	19.947	ug/l	96
25) 2-Butanone	7.17	43	94793	100.093	ug/l	99
26) 2,2-Dichloropropane	7.17	77	96953	19.620	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	66387	19.666	ug/l	96
28) Bromochloromethane	7.51	49	51508	22.614	ug/l	99
29) Tetrahydrofuran	7.53	42	61612	102.087	ug/l	98
30) Chloroform	7.68	83	108471	19.426	ug/l	97
31) Cyclohexane	7.95	56	108770	19.742	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	100773	19.845	ug/l	98
36) 1,1-Dichloropropene	8.08	75	89564	20.354	ug/l	99
37) Ethyl Acetate	7.26	43	41500	20.281	ug/l	99
38) Carbon Tetrachloride	8.07	117	91181	19.648	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102665	18.705	ug/l	99
40) Benzene	8.32	78	236024	19.645	ug/l	98
41) Methacrylonitrile	7.48	41	22463	18.675	ug/l	95
42) 1,2-Dichloroethane	8.40	62	76091	19.993	ug/l	99
43) Isopropyl Acetate	8.43	43	80907	19.811	ug/l	99
44) Trichloroethene	9.09	130	66534	19.658	ug/l	99
45) 1,2-Dichloropropane	9.37	63	59346	19.989	ug/l	99
46) Dibromomethane	9.46	93	33107	20.047	ug/l	99
47) Bromodichloromethane	9.65	83	80630	20.067	ug/l	98
48) Methyl methacrylate	9.43	41	34857	17.821	ug/l	94
49) 1,4-Dioxane	9.45	88	10074	380.924	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	205203	98.968	ug/l	99
52) Toluene	10.38	92	155642	19.088	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	81023	19.784	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	95205	20.383	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	47542	21.228	ug/l	96
56) Ethyl methacrylate	10.65	69	55892	19.209	ug/l	99
57) 1,3-Dichloropropane	10.93	76	83206	21.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	180470	123.320	ug/l	99
59) 2-Hexanone	10.97	43	146348	99.155	ug/l	99
60) Dibromochloromethane	11.13	129	54850	20.079	ug/l	97
61) 1,2-Dibromoethane	11.24	107	44327	19.995	ug/l	99
64) Tetrachloroethene	10.86	164	57367	18.495	ug/l	96
65) Chlorobenzene	11.66	112	175118	19.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	58862	19.106	ug/l	97
67) Ethyl Benzene	11.73	91	308788	18.958	ug/l	100
68) m/p-Xylenes	11.84	106	249069	38.272	ug/l	98
69) o-Xylene	12.17	106	115345	18.883	ug/l	99
70) Styrene	12.18	104	186430	18.971	ug/l	99
71) Bromoform	12.35	173	31652	19.114	ug/l #	99
73) Isopropylbenzene	12.46	105	312461	19.157	ug/l	100
74) N-amyl acetate	12.27	43	75997	18.498	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	52198	19.586	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	37123m	18.899	ug/l	
77) Bromobenzene	12.75	156	75087	19.482	ug/l	98
78) n-propylbenzene	12.80	91	383494	19.222	ug/l	99
79) 2-Chlorotoluene	12.90	91	214923	18.974	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	267068	18.842	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	15566	19.265	ug/l	98
82) 4-Chlorotoluene	12.99	91	226423	18.968	ug/l	98
83) tert-Butylbenzene	13.21	119	232527	18.973	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	273486	18.640	ug/l	98
85) sec-Butylbenzene	13.38	105	332618	18.875	ug/l	99
86) p-Isopropyltoluene	13.50	119	303696	18.799	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	153161	19.153	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	152457	19.344	ug/l	99
89) n-Butylbenzene	13.83	91	285705	18.877	ug/l	99
90) Hexachloroethane	14.10	117	52033	19.675	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	134814	18.921	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9496	19.698	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100314	19.540	ug/l	98
94) Hexachlorobutadiene	15.24	225	59737	19.754	ug/l	99
95) Naphthalene	15.37	128	167269	19.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	88656	19.973	ug/l	98

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

