

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008014.D
 Acq On : 03 Jan 2019 12:17
 Operator : SY/AP
 Sample : VW0103SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 12:02:09 PM

Quant Time: Jan 04 03:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	115594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51761	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	42662	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	38301	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.32	98	145063	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	54940	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12091	17.931	ug/l	96
3) Chloromethane	2.21	50	9562	19.114	ug/l	96
4) Vinyl Chloride	2.36	62	13015	20.144	ug/l	94
5) Bromomethane	2.78	94	7658	18.656	ug/l	95
6) Chloroethane	2.92	64	6517	19.735	ug/l	96
7) Trichlorofluoromethane	3.26	101	11813	18.214	ug/l	94
8) Diethyl Ether	3.67	74	6687	20.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14953	19.401	ug/l	100
10) Methyl Iodide	4.26	142	23911	19.284	ug/l	98
11) Tert butyl alcohol	5.17	59	5520	104.541	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	14156	19.188	ug/l	91
13) Acrolein	3.88	56	3229	90.256	ug/l	100
14) Allyl chloride	4.66	41	20170	20.181	ug/l	96
15) Acrylonitrile	5.37	53	12859	104.955	ug/l	98
16) Acetone	4.12	43	13965	111.001	ug/l	95
17) Carbon Disulfide	4.37	76	42534	18.874	ug/l	96
18) Methyl Acetate	4.67	43	6711	20.569	ug/l #	75
19) Methyl tert-butyl Ether	5.42	73	22505	19.384	ug/l	97
20) Methylene Chloride	4.90	84	18914	23.099	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	15417	19.207	ug/l	99
22) Diisopropyl ether	6.31	45	35569	19.827	ug/l	94
23) Vinyl Acetate	6.25	43	100918	100.545	ug/l	99
24) 1,1-Dichloroethane	6.21	63	25720	19.296	ug/l	100
25) 2-Butanone	7.17	43	15584	105.134	ug/l	99
26) 2,2-Dichloropropane	7.17	77	20825	18.964	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	16584	19.396	ug/l	99
28) Bromochloromethane	7.51	49	8277	19.320	ug/l #	100
29) Tetrahydrofuran	7.52	42	9430	102.418	ug/l	98
30) Chloroform	7.67	83	29291	19.608	ug/l	99
31) Cyclohexane	7.95	56	23761	19.126	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	28407	19.873	ug/l	98
36) 1,1-Dichloropropene	8.08	75	22388	19.634	ug/l	97
37) Ethyl Acetate	7.25	43	7189	20.989	ug/l	99
38) Carbon Tetrachloride	8.07	117	26595	19.461	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27736	19.514	ug/l	97
40) Benzene	8.32	78	59357	19.732	ug/l	100
41) Methacrylonitrile	7.49	41	4225	20.980	ug/l	93
42) 1,2-Dichloroethane	8.40	62	19712	19.667	ug/l	97
43) Isopropyl Acetate	8.43	43	14001	20.458	ug/l	98
44) Trichloroethene	9.09	130	16962	19.108	ug/l	94
45) 1,2-Dichloropropane	9.37	63	13088	20.101	ug/l	95
46) Dibromomethane	9.45	93	7594	19.948	ug/l	98
47) Bromodichloromethane	9.65	83	20378	19.112	ug/l	100
48) Methyl methacrylate	9.43	41	7054	20.442	ug/l	95
49) 1,4-Dioxane	9.45	88	2256	400.451	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	32233	101.749	ug/l	100
52) Toluene	10.39	92	39048	19.662	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	20278	19.778	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	22510	19.675	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	10347	20.074	ug/l	96
56) Ethyl methacrylate	10.65	69	11697	20.074	ug/l	97
57) 1,3-Dichloropropane	10.93	76	17715	20.227	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	28852	104.404	ug/l	99
59) 2-Hexanone	10.97	43	23771	108.693	ug/l	96
60) Dibromochloromethane	11.13	129	13633	19.323	ug/l	99
61) 1,2-Dibromoethane	11.24	107	10075	19.532	ug/l	99
64) Tetrachloroethene	10.86	164	14302	19.931	ug/l	91
65) Chlorobenzene	11.66	112	44110	19.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15799	19.650	ug/l	98
67) Ethyl Benzene	11.73	91	78884	20.017	ug/l	98
68) m/p-Xylenes	11.84	106	61055	40.074	ug/l	100
69) o-Xylene	12.17	106	27945	19.712	ug/l	99
70) Styrene	12.18	104	46579	20.158	ug/l	99
71) Bromoform	12.35	173	7624	20.467	ug/l #	94
73) Isopropylbenzene	12.47	105	81683	19.846	ug/l	97
74) N-amyl acetate	12.27	43	13520	21.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11068	21.134	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	8884m	21.574	ug/l	
77) Bromobenzene	12.75	156	17413	19.683	ug/l	98
78) n-propylbenzene	12.80	91	95303	19.971	ug/l	99
79) 2-Chlorotoluene	12.90	91	54910	19.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	71075	20.061	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3638	20.893	ug/l	97
82) 4-Chlorotoluene	12.99	91	58809	20.053	ug/l	99
83) tert-Butylbenzene	13.21	119	61075	19.704	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	71344	19.881	ug/l	100
85) sec-Butylbenzene	13.39	105	85549	20.063	ug/l	98
86) p-Isopropyltoluene	13.51	119	77692	20.200	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	36541	20.471	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	35420	20.043	ug/l	98
89) n-Butylbenzene	13.83	91	72358	20.568	ug/l	99
90) Hexachloroethane	14.10	117	13467	20.179	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	31140	19.852	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2256	21.225	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22295	20.237	ug/l	99
94) Hexachlorobutadiene	15.24	225	12500	19.651	ug/l	99
95) Naphthalene	15.38	128	37818	20.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	18328	20.219	ug/l	98

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

