

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010848.D
 Acq On : 19 Jun 2019 14:12
 Operator : SY/VA
 Sample : VW0619SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 06:03:02 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	267197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	441308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	185995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	159486	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.88	113	123141	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.32	98	519390	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	190145	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48748	19.743	ug/l	99
3) Chloromethane	2.21	50	72526	19.964	ug/l	96
4) Vinyl Chloride	2.35	62	64144	19.111	ug/l	98
5) Bromomethane	2.74	94	39218	21.278	ug/l	96
6) Chloroethane	2.90	64	39086	19.401	ug/l	99
7) Trichlorofluoromethane	3.25	101	89267	20.488	ug/l	99
8) Diethyl Ether	3.68	74	29622	19.025	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54882	20.489	ug/l	100
10) Methyl Iodide	4.27	142	32242	15.362	ug/l	98
11) Tert butyl alcohol	5.16	59	34922	136.110	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	50607	19.585	ug/l	95
13) Acrolein	3.89	56	6207	59.202	ug/l	96
14) Allyl chloride	4.67	41	118274	20.759	ug/l	98
15) Acrylonitrile	5.37	53	72077	95.286	ug/l	98
16) Acetone	4.12	43	92205	109.265	ug/l	99
17) Carbon Disulfide	4.37	76	151897	18.518	ug/l	100
18) Methyl Acetate	4.67	43	35827	19.723	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	142109	19.068	ug/l	97
20) Methylene Chloride	4.92	84	59979	20.261	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	58420	19.916	ug/l	97
22) Diisopropyl ether	6.31	45	236325	20.718	ug/l	99
23) Vinyl Acetate	6.26	43	665031	96.608	ug/l	99
24) 1,1-Dichloroethane	6.21	63	118662	20.759	ug/l	98
25) 2-Butanone	7.17	43	112719	96.330	ug/l	95
26) 2,2-Dichloropropane	7.16	77	103796	22.314	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	65457	20.277	ug/l	95
28) Bromochloromethane	7.51	49	52428	20.552	ug/l	97
29) Tetrahydrofuran	7.53	42	67484	91.689	ug/l	98
30) Chloroform	7.67	83	107342	20.530	ug/l	98
31) Cyclohexane	7.95	56	125010	19.673	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	93754	20.527	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90503	20.035	ug/l	99
37) Ethyl Acetate	7.26	43	48201	19.256	ug/l	100
38) Carbon Tetrachloride	8.07	117	79993	20.513	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111296	19.381	ug/l	98
40) Benzene	8.32	78	250491	20.327	ug/l	99
41) Methacrylonitrile	7.48	41	27796	18.681	ug/l	98
42) 1,2-Dichloroethane	8.40	62	79368	20.292	ug/l	99
43) Isopropyl Acetate	8.42	43	89472	18.501	ug/l	99
44) Trichloroethene	9.09	130	59760	19.659	ug/l	98
45) 1,2-Dichloropropane	9.37	63	66540	20.397	ug/l	99
46) Dibromomethane	9.46	93	29621	19.549	ug/l	98
47) Bromodichloromethane	9.65	83	77293	19.679	ug/l	97
48) Methyl methacrylate	9.44	41	42761	18.339	ug/l	100
49) 1,4-Dioxane	9.44	88	8685	366.620	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	231530	93.714	ug/l	99
52) Toluene	10.39	92	150971	19.911	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	79339	19.071	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	96600	19.733	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42356	19.405	ug/l	98
56) Ethyl methacrylate	10.65	69	60923	18.139	ug/l	96
57) 1,3-Dichloropropane	10.93	76	79880	19.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	171197	97.313	ug/l	99
59) 2-Hexanone	10.97	43	161720	90.571	ug/l	97
60) Dibromochloromethane	11.13	129	45164	18.665	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38879	18.799	ug/l	100
64) Tetrachloroethene	10.86	164	50683	19.666	ug/l	97
65) Chlorobenzene	11.66	112	153491	20.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52400	19.831	ug/l	99
67) Ethyl Benzene	11.73	91	296407	20.205	ug/l	98
68) m/p-Xylenes	11.84	106	211258	40.229	ug/l	99
69) o-Xylene	12.17	106	97748	19.626	ug/l	95
70) Styrene	12.18	104	171409	19.812	ug/l	98
71) Bromoform	12.35	173	24438	17.883	ug/l #	99
73) Isopropylbenzene	12.47	105	281651	20.151	ug/l	99
74) N-amyl acetate	12.27	43	84116	18.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49939	18.768	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29490m	15.098	ug/l	
77) Bromobenzene	12.75	156	60043	19.680	ug/l	98
78) n-propylbenzene	12.80	91	343928	20.407	ug/l	100
79) 2-Chlorotoluene	12.90	91	196551	20.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	232834	20.352	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14612	17.194	ug/l	96
82) 4-Chlorotoluene	12.99	91	202648	20.395	ug/l	100
83) tert-Butylbenzene	13.21	119	202841	20.892	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	233940	20.321	ug/l	100
85) sec-Butylbenzene	13.38	105	287087	20.309	ug/l	100
86) p-Isopropyltoluene	13.50	119	254183	20.107	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	119172	20.255	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	117240	20.100	ug/l	99
89) n-Butylbenzene	13.83	91	258439	20.490	ug/l	99
90) Hexachloroethane	14.10	117	45290	20.006	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	103953	19.647	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8030	17.574	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72541	19.537	ug/l	100
94) Hexachlorobutadiene	15.24	225	46533	19.969	ug/l	99
95) Naphthalene	15.37	128	114363	16.952	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61086	19.345	ug/l	100

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

