

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 Data File : VW010480.D
 Acq On : 21 May 2019 11:59
 Operator : SY/VA
 Sample : VW0521SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 11:55:04 AM

Quant Time: May 22 06:56:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	139751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	245881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	221826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106833	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	80066	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	7.88	113	80555	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.32	98	310138	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.62	95	119901	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	23573	18.759	ug/l 99
3) Chloromethane	2.21	50	26289	17.904	ug/l 99
4) Vinyl Chloride	2.36	62	31051	18.257	ug/l 98
5) Bromomethane	2.74	94	23982	20.496	ug/l 100
6) Chloroethane	2.90	64	21189	19.407	ug/l 98
7) Trichlorofluoromethane	3.25	101	52548	20.927	ug/l 99
8) Diethyl Ether	3.68	74	16582	20.832	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	32919	21.288	ug/l 100
10) Methyl Iodide	4.27	142	30582	17.302	ug/l 99
11) Tert butyl alcohol	5.16	59	12718	98.020	ug/l 96
12) 1,1-Dichloroethene	4.03	96	30786	20.856	ug/l 97
13) Acrolein	3.89	56	9885	119.062	ug/l 99
14) Allyl chloride	4.67	41	45003	21.062	ug/l 98
15) Acrylonitrile	5.37	53	33752	101.251	ug/l 99
16) Acetone	4.12	43	29787	101.165	ug/l 97
17) Carbon Disulfide	4.38	76	87466	19.865	ug/l 100
18) Methyl Acetate	4.68	43	14760	20.497	ug/l 98
19) Methyl tert-butyl Ether	5.42	73	80374	21.358	ug/l 97
20) Methylene Chloride	4.92	84	33200	15.742	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	35505	20.970	ug/l 97
22) Diisopropyl ether	6.31	45	91555	20.897	ug/l 98
23) Vinyl Acetate	6.26	43	264850	101.200	ug/l 100
24) 1,1-Dichloroethane	6.21	63	55435	21.203	ug/l 98
25) 2-Butanone	7.17	43	42556	100.994	ug/l 98
26) 2,2-Dichloropropane	7.17	77	53321	21.410	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	38901	21.133	ug/l 99
28) Bromochloromethane	7.51	49	19873	21.230	ug/l 96
29) Tetrahydrofuran	7.53	42	28261	99.116	ug/l 99
30) Chloroform	7.68	83	60049	21.293	ug/l 100
31) Cyclohexane	7.95	56	55691	20.335	ug/l 95
32) 1,1,1-Trichloroethane	7.87	97	56707	21.038	ug/l 98
36) 1,1-Dichloropropene	8.08	75	48658	21.243	ug/l 99
37) Ethyl Acetate	7.26	43	19767	20.294	ug/l 99
38) Carbon Tetrachloride	8.07	117	51115	20.687	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	63392	20.657	ug/l	99
40) Benzene	8.32	78	133626	20.989	ug/l	99
41) Methacrylonitrile	7.49	41	10917	18.863	ug/l	95
42) 1,2-Dichloroethane	8.40	62	38490	21.153	ug/l	99
43) Isopropyl Acetate	8.43	43	38491	19.781	ug/l	99
44) Trichloroethene	9.09	130	39402	20.847	ug/l	98
45) 1,2-Dichloropropane	9.37	63	31531	20.854	ug/l	96
46) Dibromomethane	9.46	93	18610	21.046	ug/l	97
47) Bromodichloromethane	9.65	83	45881	20.648	ug/l	96
48) Methyl methacrylate	9.43	41	17377	19.520	ug/l	97
49) 1,4-Dioxane	9.45	88	5537	383.325	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	98059	99.448	ug/l	98
52) Toluene	10.39	92	91150	21.319	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	46243	20.548	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	54324	21.136	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	26879	21.139	ug/l	94
56) Ethyl methacrylate	10.65	69	34912	19.908	ug/l	99
57) 1,3-Dichloropropane	10.93	76	44736	21.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	72028	92.729	ug/l	100
59) 2-Hexanone	10.97	43	69074	98.202	ug/l	99
60) Dibromochloromethane	11.13	129	32979	20.493	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26868	20.859	ug/l	98
64) Tetrachloroethene	10.87	164	31428	20.324	ug/l	94
65) Chlorobenzene	11.66	112	99376	21.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	35358	20.878	ug/l	99
67) Ethyl Benzene	11.73	91	174734	20.934	ug/l	98
68) m/p-Xylenes	11.84	106	136714	41.759	ug/l	99
69) o-Xylene	12.16	106	64509	20.797	ug/l	98
70) Styrene	12.18	104	111166	21.122	ug/l	99
71) Bromoform	12.35	173	17259	18.506	ug/l #	99
73) Isopropylbenzene	12.47	105	178184	21.018	ug/l	99
74) N-amyl acetate	12.27	43	37779	19.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	30900	20.039	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	21587m	19.906	ug/l	
77) Bromobenzene	12.75	156	39195	20.660	ug/l	98
78) n-propylbenzene	12.80	91	204457	20.695	ug/l	100
79) 2-Chlorotoluene	12.90	91	119345	20.830	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	149819	20.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9682	18.634	ug/l	98
82) 4-Chlorotoluene	12.99	91	125937	21.177	ug/l	98
83) tert-Butylbenzene	13.21	119	133452	21.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	149850	20.955	ug/l	99
85) sec-Butylbenzene	13.38	105	181574	20.688	ug/l	100
86) p-Isopropyltoluene	13.50	119	164444	20.700	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	76844	20.646	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	77483	20.749	ug/l	98
89) n-Butylbenzene	13.83	91	156476	20.708	ug/l	100
90) Hexachloroethane	14.10	117	31231	20.310	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	69479	20.487	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5431	18.942	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	45541	19.737	ug/l	97
94) Hexachlorobutadiene	15.24	225	24669	20.012	ug/l	99
95) Naphthalene	15.37	128	92376	19.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	38415	19.348	ug/l	97

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

