

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010379.D
 Acq On : 11 May 2019 14:16
 Operator : SY/VA
 Sample : VW0511SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0511SBSD01

Manual Integrations
 APPROVED

MMDadoda

5/13/2019 3:44:09 AM

Quant Time: May 12 00:45:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1394809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2258776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2046152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1026997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	779999	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.88	113	682159	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.32	98	2732723	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	994012	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	201885	19.124	ug/l	100
3) Chloromethane	2.21	50	266792	18.686	ug/l	98
4) Vinyl Chloride	2.37	62	353364	19.914	ug/l	98
5) Bromomethane	2.77	94	204138	19.950	ug/l	99
6) Chloroethane	2.92	64	210521	20.515	ug/l	98
7) Trichlorofluoromethane	3.25	101	154770	17.423	ug/l	97
8) Diethyl Ether	3.67	74	174084	22.292	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	298172	20.485	ug/l	96
10) Methyl Iodide	4.27	142	426107	20.673	ug/l	94
11) Tert butyl alcohol	5.18	59	99128	94.658	ug/l	100
12) 1,1-Dichloroethene	4.03	96	311588	20.486	ug/l	98
13) Acrolein	3.89	56	110373	79.830	ug/l	97
14) Allyl chloride	4.65	41	463257	20.405	ug/l	93
15) Acrylonitrile	5.36	53	404704	93.501	ug/l	99
16) Acetone	4.12	43	364243	94.223	ug/l	94
17) Carbon Disulfide	4.37	76	894595	19.448	ug/l	98
18) Methyl Acetate	4.67	43	182961	19.108	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	415254	22.935	ug/l	96
20) Methylene Chloride	4.92	84	343875	21.327	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	338456	20.673	ug/l	98
22) Diisopropyl ether	6.31	45	1069422	24.271	ug/l	94
23) Vinyl Acetate	6.25	43	3400282	112.387	ug/l	97
24) 1,1-Dichloroethane	6.21	63	647267	21.819	ug/l	99
25) 2-Butanone	7.17	43	560604	94.796	ug/l	99
26) 2,2-Dichloropropane	7.16	77	319139	21.622	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	367207	21.810	ug/l	97
28) Bromochloromethane	7.51	49	272241	24.892	ug/l	98
29) Tetrahydrofuran	7.53	42	363107	94.928	ug/l	96
30) Chloroform	7.67	83	625822	22.542	ug/l	98
31) Cyclohexane	7.95	56	622206	20.484	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	461390	21.455	ug/l	99
36) 1,1-Dichloropropene	8.08	75	510736	20.854	ug/l	99
37) Ethyl Acetate	7.26	43	251690	19.301	ug/l	97
38) Carbon Tetrachloride	8.07	117	435316	20.735	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	610181	20.366	ug/l	98
40) Benzene	8.32	78	1441213	21.487	ug/l	99
41) Methacrylonitrile	7.48	41	140897	19.267	ug/l	95
42) 1,2-Dichloroethane	8.40	62	433740	22.592	ug/l	97
43) Isopropyl Acetate	8.43	43	447320	20.684	ug/l	97
44) Trichloroethene	9.09	130	352104	20.969	ug/l	97
45) 1,2-Dichloropropane	9.37	63	377807	22.661	ug/l	95
46) Dibromomethane	9.46	93	186876	21.697	ug/l	98
47) Bromodichloromethane	9.64	83	463638	22.440	ug/l	98
48) Methyl methacrylate	9.43	41	211454	20.679	ug/l	86
49) 1,4-Dioxane	9.45	88	57143	380.433	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	1250027	100.802	ug/l	95
52) Toluene	10.38	92	898337	21.913	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	461715	22.062	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	557129	22.479	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	266344	21.772	ug/l	95
56) Ethyl methacrylate	10.65	69	358163	22.171	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	485556	22.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	913613	118.119	ug/l	100
59) 2-Hexanone	10.97	43	870032	99.230	ug/l	93
60) Dibromochloromethane	11.13	129	292583	22.226	ug/l	100
61) 1,2-Dibromoethane	11.24	107	253935	21.623	ug/l	98
64) Tetrachloroethene	10.86	164	293504	20.523	ug/l	98
65) Chlorobenzene	11.66	112	922573	21.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	315233	22.020	ug/l	97
67) Ethyl Benzene	11.73	91	1698009	21.792	ug/l	99
68) m/p-Xylenes	11.84	106	1284354	44.364	ug/l	99
69) o-Xylene	12.16	106	580643	22.171	ug/l	99
70) Styrene	12.18	104	1032511	22.627	ug/l	99
71) Bromoform	12.35	173	167976	20.526	ug/l	98
73) Isopropylbenzene	12.47	105	1616299	21.592	ug/l	99
74) N-amyl acetate	12.27	43	413167	21.364	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	332157	20.138	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	235812m	19.694	ug/l	
77) Bromobenzene	12.75	156	367060	21.716	ug/l	98
78) n-propylbenzene	12.80	91	2013570	21.779	ug/l	99
79) 2-Chlorotoluene	12.90	91	1142838	21.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1394986	22.104	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	100149	18.888	ug/l	97
82) 4-Chlorotoluene	12.99	91	1205164	21.846	ug/l	99
83) tert-Butylbenzene	13.21	119	1114653	21.176	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1414538	22.556	ug/l	99
85) sec-Butylbenzene	13.38	105	1663745	21.411	ug/l	100
86) p-Isopropyltoluene	13.50	119	1516055	21.974	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	738742	21.888	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	727945	21.733	ug/l	99
89) n-Butylbenzene	13.83	91	1496428	21.631	ug/l	99
90) Hexachloroethane	14.10	117	261786	20.457	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	658872	22.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	54442	18.330	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	456594	22.392	ug/l	99
94) Hexachlorobutadiene	15.24	225	274090	20.967	ug/l	99
95) Naphthalene	15.37	128	860853	20.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	417760	22.678	ug/l	98

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

