

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010609.D
 Acq On : 30 May 2019 12:23
 Operator : SY/VA
 Sample : VW0530SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2019 4:27:15 AM

Quant Time: May 31 07:59:45 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	132424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	221422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	66771	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	69821	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.32	98	265080	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.62	95	103195	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	19292	16.163	ug/l	100
3) Chloromethane	2.21	50	20906	15.026	ug/l	100
4) Vinyl Chloride	2.35	62	24513	15.210	ug/l	100
5) Bromomethane	2.74	94	18133	16.355	ug/l	96
6) Chloroethane	2.90	64	18191	17.583	ug/l	98
7) Trichlorofluoromethane	3.25	101	48176	20.247	ug/l	97
8) Diethyl Ether	3.68	74	14144	18.753	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29350	20.030	ug/l	96
10) Methyl Iodide	4.27	142	26052	15.555	ug/l	99
11) Tert butyl alcohol	5.17	59	16246	132.139	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	28158	20.131	ug/l	95
13) Acrolein	3.90	56	5628	61.760	ug/l	95
14) Allyl chloride	4.67	41	38017	18.777	ug/l	99
15) Acrylonitrile	5.37	53	30243	95.744	ug/l	100
16) Acetone	4.12	43	30535	109.443	ug/l	96
17) Carbon Disulfide	4.37	76	70218	16.830	ug/l	100
18) Methyl Acetate	4.67	43	14437	21.157	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	70407	19.745	ug/l	96
20) Methylene Chloride	4.92	84	30197	14.884	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	32087	19.999	ug/l	91
22) Diisopropyl ether	6.31	45	80655	19.428	ug/l	97
23) Vinyl Acetate	6.26	43	225291	90.847	ug/l	99
24) 1,1-Dichloroethane	6.22	63	50297	20.302	ug/l	99
25) 2-Butanone	7.17	43	40208	100.702	ug/l	98
26) 2,2-Dichloropropane	7.16	77	49144	20.825	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	36568	20.965	ug/l	99
28) Bromochloromethane	7.51	49	18938	21.350	ug/l	94
29) Tetrahydrofuran	7.53	42	25049	92.711	ug/l	98
30) Chloroform	7.67	83	55266	20.681	ug/l	98
31) Cyclohexane	7.95	56	48099	18.534	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	51866	20.307	ug/l	98
36) 1,1-Dichloropropene	8.08	75	43122	20.906	ug/l	99
37) Ethyl Acetate	7.26	43	17450	19.894	ug/l	98
38) Carbon Tetrachloride	8.07	117	46128	20.731	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	55384	20.041	ug/l	98
40) Benzene	8.32	78	123046	21.463	ug/l	99
41) Methacrylonitrile	7.49	41	9199	17.651	ug/l	94
42) 1,2-Dichloroethane	8.40	62	33803	20.630	ug/l	99
43) Isopropyl Acetate	8.43	43	33334	19.023	ug/l	98
44) Trichloroethene	9.09	130	36766	21.601	ug/l	98
45) 1,2-Dichloropropane	9.37	63	29040	21.328	ug/l	98
46) Dibromomethane	9.46	93	16741	21.024	ug/l	96
47) Bromodichloromethane	9.65	83	40798	20.388	ug/l	98
48) Methyl methacrylate	9.43	41	15063	18.790	ug/l	95
49) 1,4-Dioxane	9.44	88	5347	411.062	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	88472	99.637	ug/l	99
52) Toluene	10.39	92	83205	21.611	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	39813	19.645	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	46730	20.190	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	25327	22.118	ug/l	99
56) Ethyl methacrylate	10.65	69	30007	19.001	ug/l	99
57) 1,3-Dichloropropane	10.93	76	40893	21.320	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	62985	90.044	ug/l	98
59) 2-Hexanone	10.97	43	61764	97.509	ug/l	100
60) Dibromochloromethane	11.13	129	29183	20.137	ug/l	100
61) 1,2-Dibromoethane	11.24	107	24324	20.970	ug/l	97
64) Tetrachloroethene	10.86	164	30291	21.879	ug/l	98
65) Chlorobenzene	11.66	112	91573	21.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	32230	21.256	ug/l	99
67) Ethyl Benzene	11.73	91	158704	21.237	ug/l	98
68) m/p-Xylenes	11.84	106	126126	43.029	ug/l	100
69) o-Xylene	12.17	106	60266	21.701	ug/l	97
70) Styrene	12.18	104	100644	21.359	ug/l	99
71) Bromoform	12.35	173	15664	18.760	ug/l #	98
73) Isopropylbenzene	12.47	105	163742	20.879	ug/l	99
74) N-amyl acetate	12.27	43	31288	17.410	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	27544	19.310	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15706m	15.657	ug/l	
77) Bromobenzene	12.75	156	38158	21.743	ug/l	96
78) n-propylbenzene	12.80	91	186543	20.411	ug/l	100
79) 2-Chlorotoluene	12.90	91	108642	20.499	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	137264	20.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	7972	16.585	ug/l	98
82) 4-Chlorotoluene	12.99	91	112856	20.515	ug/l	100
83) tert-Butylbenzene	13.21	119	122168	21.057	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	137005	20.711	ug/l	99
85) sec-Butylbenzene	13.38	105	165887	20.432	ug/l	100
86) p-Isopropyltoluene	13.50	119	153165	20.842	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	74010	21.495	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	73767	21.354	ug/l	98
89) n-Butylbenzene	13.83	91	138756	19.850	ug/l	99
90) Hexachloroethane	14.10	117	27070	19.031	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	66846	21.307	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4636	17.479	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	43138	20.210	ug/l	98
94) Hexachlorobutadiene	15.24	225	24624	21.594	ug/l	98
95) Naphthalene	15.37	128	80855	18.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	37254	20.283	ug/l	99

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

