

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011076.D
 Acq On : 01 Jul 2019 11:20
 Operator : SY/VA
 Sample : VW0701SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 3:52:35 PM

Quant Time: Jul 02 08:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	148409	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.88	113	116450	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.32	98	485373	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	171787	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	40866	23.311	ug/l	98
3) Chloromethane	2.21	50	51685	21.992	ug/l	97
4) Vinyl Chloride	2.36	62	66782	21.825	ug/l	96
5) Bromomethane	2.72	94	28712	18.851	ug/l	97
6) Chloroethane	2.89	64	32906	20.397	ug/l	95
7) Trichlorofluoromethane	3.23	101	21551	23.966	ug/l	95
8) Diethyl Ether	3.67	74	28328	19.892	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	52913	20.923	ug/l	99
10) Methyl Iodide	4.26	142	72989	20.628	ug/l	99
11) Tert butyl alcohol	5.17	59	19741	89.409	ug/l	100
12) 1,1-Dichloroethene	4.03	96	54664	20.766	ug/l	96
13) Acrolein	3.88	56	15235	88.485	ug/l	100
14) Allyl chloride	4.65	41	99598	23.508	ug/l	99
15) Acrylonitrile	5.35	53	69566	99.198	ug/l	99
16) Acetone	4.12	43	70446	94.932	ug/l	99
17) Carbon Disulfide	4.37	76	157198	21.049	ug/l	99
18) Methyl Acetate	4.66	43	41284	21.477	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	76321	20.484	ug/l	95
20) Methylene Chloride	4.90	84	60361	20.020	ug/l	95
21) trans-1,2-Dichloroethene	5.40	96	58188	21.451	ug/l	94
22) Diisopropyl ether	6.31	45	213191	20.910	ug/l	97
23) Vinyl Acetate	6.24	43	631509	100.525	ug/l	100
24) 1,1-Dichloroethane	6.21	63	114224	21.224	ug/l	99
25) 2-Butanone	7.17	43	106444	94.368	ug/l	99
26) 2,2-Dichloropropane	7.16	77	57449	20.560	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	61327	20.998	ug/l	98
28) Bromochloromethane	7.51	49	46959	18.743	ug/l	100
29) Tetrahydrofuran	7.52	42	68407	97.422	ug/l	100
30) Chloroform	7.67	83	103966	21.264	ug/l	100
31) Cyclohexane	7.95	56	122905	21.135	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78391	21.456	ug/l	99
36) 1,1-Dichloropropene	8.07	75	88445	22.021	ug/l	99
37) Ethyl Acetate	7.25	43	46755	20.010	ug/l	98
38) Carbon Tetrachloride	8.06	117	74119	22.408	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	106927	21.632	ug/l	95
40) Benzene	8.32	78	243856	22.074	ug/l	100
41) Methacrylonitrile	7.48	41	30499	21.455	ug/l	98
42) 1,2-Dichloroethane	8.40	62	77205	21.315	ug/l	100
43) Isopropyl Acetate	8.42	43	88995	20.134	ug/l	100
44) Trichloroethene	9.09	130	57934	21.700	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64525	21.509	ug/l	96
46) Dibromomethane	9.45	93	29374	20.936	ug/l	98
47) Bromodichloromethane	9.64	83	74114	21.336	ug/l	99
48) Methyl methacrylate	9.43	41	42643	19.897	ug/l	96
49) 1,4-Dioxane	9.45	88	8856	375.416	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	228375	98.153	ug/l	100
52) Toluene	10.38	92	147696	21.838	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	76638	21.182	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	92811	21.504	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40974	20.671	ug/l	99
56) Ethyl methacrylate	10.65	69	59618	20.085	ug/l	98
57) 1,3-Dichloropropane	10.93	76	78204	20.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	153441	102.169	ug/l	99
59) 2-Hexanone	10.96	43	159700	98.423	ug/l	99
60) Dibromochloromethane	11.13	129	43722	21.034	ug/l	98
61) 1,2-Dibromoethane	11.23	107	37891	20.419	ug/l	98
64) Tetrachloroethene	10.86	164	48059	21.259	ug/l	98
65) Chlorobenzene	11.66	112	146629	21.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49941	21.875	ug/l	99
67) Ethyl Benzene	11.73	91	282446	21.931	ug/l	99
68) m/p-Xylenes	11.84	106	204942	43.853	ug/l	100
69) o-Xylene	12.16	106	94452	21.699	ug/l	100
70) Styrene	12.18	104	164269	21.717	ug/l	100
71) Bromoform	12.35	173	23049	20.709	ug/l #	97
73) Isopropylbenzene	12.46	105	265119	22.159	ug/l	100
74) N-amyl acetate	12.27	43	82679	20.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48575	20.675	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41300m	24.495	ug/l	
77) Bromobenzene	12.74	156	56971	21.664	ug/l	99
78) n-propylbenzene	12.80	91	328564	22.176	ug/l	99
79) 2-Chlorotoluene	12.89	91	184650	21.815	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	222030	21.895	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14740	21.177	ug/l	95
82) 4-Chlorotoluene	12.99	91	196725	22.302	ug/l	99
83) tert-Butylbenzene	13.21	119	187621	22.187	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	225088	21.960	ug/l	99
85) sec-Butylbenzene	13.38	105	271324	22.087	ug/l	100
86) p-Isopropyltoluene	13.50	119	243440	22.022	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	113609	21.840	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112515	21.668	ug/l	100
89) n-Butylbenzene	13.82	91	246669	21.954	ug/l	100
90) Hexachloroethane	14.09	117	41605	21.996	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	98695	21.124	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8000	20.036	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	71438	21.732	ug/l	98
94) Hexachlorobutadiene	15.24	225	42779	21.456	ug/l	99
95) Naphthalene	15.37	128	124658	20.188	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61792	21.052	ug/l	100

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

