

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014553.D
 Acq On : 08 Jan 2020 11:36
 Operator : SY/VA
 Sample : VW0108SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Manual Integrations
 APPROVED

apatel
 1/9/2020 9:28:58 AM

Quant Time: Jan 08 13:03:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	720089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1085520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	938882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	467579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	320977	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.88	113	331337	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	10.32	98	1362221	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.62	95	460407	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	89477	22.007	ug/l	97
3) Chloromethane	2.21	50	113446	22.796	ug/l	99
4) Vinyl Chloride	2.36	62	163823	22.381	ug/l	100
5) Bromomethane	2.77	94	104090	23.020	ug/l	100
6) Chloroethane	2.92	64	92583	22.189	ug/l	99
7) Trichlorofluoromethane	3.25	101	70002	19.114	ug/l	99
8) Diethyl Ether	3.68	74	71435	19.604	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	142696	20.853	ug/l	98
10) Methyl Iodide	4.28	142	222868	21.586	ug/l	99
11) Tert butyl alcohol	5.15	59	43731	73.936	ug/l	100
12) 1,1-Dichloroethene	4.04	96	153792	21.461	ug/l	96
13) Acrolein	3.89	56	47685	86.778	ug/l	100
14) Allyl chloride	4.66	41	233749	21.346	ug/l	99
15) Acrylonitrile	5.36	53	149366	89.677	ug/l	100
16) Acetone	4.11	43	151842	85.413	ug/l	100
17) Carbon Disulfide	4.38	76	456979	21.158	ug/l	98
18) Methyl Acetate	4.67	43	76436	17.803	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	181550	20.410	ug/l	94
20) Methylene Chloride	4.91	84	173465	21.554	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	163257	21.456	ug/l	99
22) Diisopropyl ether	6.31	45	445065	21.714	ug/l	98
23) Vinyl Acetate	6.24	43	1204411	97.309	ug/l	100
24) 1,1-Dichloroethane	6.21	63	280380	21.686	ug/l	99
25) 2-Butanone	7.17	43	193956	85.016	ug/l	100
26) 2,2-Dichloropropane	7.16	77	152933	21.365	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	172464	21.571	ug/l	99
28) Bromochloromethane	7.51	49	95601	18.860	ug/l	98
29) Tetrahydrofuran	7.52	42	120876	85.524	ug/l	99
30) Chloroform	7.67	83	261510	21.629	ug/l	100
31) Cyclohexane	7.95	56	274113	20.401	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	207176	21.306	ug/l	100
36) 1,1-Dichloropropene	8.07	75	223090	21.318	ug/l	99
37) Ethyl Acetate	7.24	43	87129	18.358	ug/l	98
38) Carbon Tetrachloride	8.07	117	186773	20.572	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	268058	19.960	ug/l	99
40) Benzene	8.32	78	641157	21.654	ug/l	99
41) Methacrylonitrile	7.48	41	45967	17.374	ug/l	98
42) 1,2-Dichloroethane	8.40	62	157094	20.445	ug/l	100
43) Isopropyl Acetate	8.42	43	160328	18.603	ug/l	99
44) Trichloroethene	9.09	130	171647	21.424	ug/l	98
45) 1,2-Dichloropropane	9.37	63	155998	21.470	ug/l	99
46) Dibromomethane	9.46	93	70884	19.762	ug/l	98
47) Bromodichloromethane	9.64	83	185062	20.898	ug/l	98
48) Methyl methacrylate	9.43	41	69744	16.575	ug/l	90
49) 1,4-Dioxane	9.45	88	21506	320.569	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	398796	89.104	ug/l	100
52) Toluene	10.38	92	403659	21.670	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	183000	19.959	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	235102	20.980	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	104941	20.032	ug/l	96
56) Ethyl methacrylate	10.64	69	129899	19.080	ug/l	98
57) 1,3-Dichloropropane	10.93	76	183583	19.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	187850	90.725	ug/l	100
59) 2-Hexanone	10.96	43	265737	86.164	ug/l	99
60) Dibromochloromethane	11.12	129	117903	19.948	ug/l	99
61) 1,2-Dibromoethane	11.23	107	96382	19.383	ug/l	98
64) Tetrachloroethene	10.86	164	142417	20.952	ug/l	98
65) Chlorobenzene	11.65	112	414791	21.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	138105	21.325	ug/l	99
67) Ethyl Benzene	11.73	91	745278	21.500	ug/l	99
68) m/p-Xylenes	11.84	106	573228	43.208	ug/l	99
69) o-Xylene	12.16	106	263708	21.519	ug/l	100
70) Styrene	12.18	104	450971	21.757	ug/l	100
71) Bromoform	12.35	173	67577	19.130	ug/l #	98
73) Isopropylbenzene	12.46	105	726736	21.182	ug/l	100
74) N-amyl acetate	12.27	43	139004	18.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115996	18.732	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	68407m	15.474	ug/l	
77) Bromobenzene	12.74	156	169411	21.260	ug/l	95
78) n-propylbenzene	12.80	91	869899	21.562	ug/l	99
79) 2-Chlorotoluene	12.89	91	488500	21.278	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	616618	21.405	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36440	18.365	ug/l	97
82) 4-Chlorotoluene	12.99	91	512899	21.503	ug/l	99
83) tert-Butylbenzene	13.20	119	527693	20.923	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	615753	21.480	ug/l	99
85) sec-Butylbenzene	13.38	105	743522	21.298	ug/l	99
86) p-Isopropyltoluene	13.49	119	685032	21.528	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	329012	21.233	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	326908	21.370	ug/l	99
89) n-Butylbenzene	13.82	91	631032	21.355	ug/l	99
90) Hexachloroethane	14.09	117	115008	20.689	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	286752	21.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18228	18.588	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	193730	21.065	ug/l	99
94) Hexachlorobutadiene	15.24	225	132728	21.535	ug/l	98
95) Naphthalene	15.36	128	284221	18.121	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	162412	20.259	ug/l	99

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

