

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014523.D
 Acq On : 06 Jan 2020 15:03
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:27:52 AM

Quant Time: Jan 07 03:07:48 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	788524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1180484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1026462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	510560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	348787	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.88	113	333391	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.32	98	1380996	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	469802	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	94995	21.337	ug/l	97
3) Chloromethane	2.21	50	114935	21.091	ug/l	99
4) Vinyl Chloride	2.36	62	168691	21.046	ug/l	97
5) Bromomethane	2.78	94	100409	20.279	ug/l	96
6) Chloroethane	2.92	64	91616	20.051	ug/l	99
7) Trichlorofluoromethane	3.25	101	82304	20.523	ug/l	95
8) Diethyl Ether	3.68	74	76515	19.176	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	150816	20.127	ug/l	99
10) Methyl Iodide	4.26	142	216841	19.179	ug/l	98
11) Tert butyl alcohol	5.16	59	60614	100.297	ug/l	99
12) 1,1-Dichloroethene	4.04	96	153128	19.514	ug/l	98
13) Acrolein	3.89	56	61717	102.566	ug/l	96
14) Allyl chloride	4.66	41	233668	19.486	ug/l	99
15) Acrylonitrile	5.36	53	186715	102.371	ug/l	98
16) Acetone	4.12	43	189773	97.485	ug/l	98
17) Carbon Disulfide	4.38	76	468415	19.805	ug/l	100
18) Methyl Acetate	4.67	43	95088	20.225	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	195198	20.039	ug/l	97
20) Methylene Chloride	4.91	84	184460	20.788	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	160081	19.213	ug/l	97
22) Diisopropyl ether	6.31	45	457331	20.376	ug/l	97
23) Vinyl Acetate	6.25	43	1350578	99.648	ug/l	99
24) 1,1-Dichloroethane	6.21	63	279896	19.770	ug/l	97
25) 2-Butanone	7.17	43	252522	101.080	ug/l	98
26) 2,2-Dichloropropane	7.17	77	159620	20.364	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	167785	19.164	ug/l	95
28) Bromochloromethane	7.51	49	105453	18.998	ug/l #	94
29) Tetrahydrofuran	7.52	42	153287	99.043	ug/l	99
30) Chloroform	7.67	83	263970	19.938	ug/l	100
31) Cyclohexane	7.95	56	286597	19.478	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	215117	20.202	ug/l	99
36) 1,1-Dichloropropene	8.08	75	227575	19.997	ug/l	99
37) Ethyl Acetate	7.25	43	106428	20.620	ug/l	99
38) Carbon Tetrachloride	8.07	117	196931	19.946	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	280266	19.190	ug/l	97
40) Benzene	8.32	78	635238	19.728	ug/l	100
41) Methacrylonitrile	7.48	41	60524	21.036	ug/l	94
42) 1,2-Dichloroethane	8.40	62	169467	20.281	ug/l	98
43) Isopropyl Acetate	8.42	43	184990	19.738	ug/l	99
44) Trichloroethene	9.09	130	168257	19.311	ug/l	94
45) 1,2-Dichloropropane	9.37	63	156244	19.774	ug/l	99
46) Dibromomethane	9.46	93	77602	19.895	ug/l	98
47) Bromodichloromethane	9.64	83	192651	20.005	ug/l	98
48) Methyl methacrylate	9.43	41	90483	19.773	ug/l	100
49) 1,4-Dioxane	9.45	88	29034	397.966	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	498880	102.499	ug/l	98
52) Toluene	10.38	92	398076	19.651	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	194377	19.494	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	236689	19.423	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	110498	19.396	ug/l	98
56) Ethyl methacrylate	10.65	69	144302	19.491	ug/l	99
57) 1,3-Dichloropropane	10.93	76	198887	19.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	211938	94.124	ug/l	99
59) 2-Hexanone	10.97	43	346786	103.398	ug/l	98
60) Dibromochloromethane	11.13	129	124177	19.319	ug/l	99
61) 1,2-Dibromoethane	11.23	107	108252	20.019	ug/l	100
64) Tetrachloroethene	10.86	164	147174	19.805	ug/l	99
65) Chlorobenzene	11.65	112	406093	19.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135464	19.132	ug/l	99
67) Ethyl Benzene	11.73	91	738686	19.492	ug/l	99
68) m/p-Xylenes	11.83	106	562091	38.753	ug/l	100
69) o-Xylene	12.16	106	257830	19.244	ug/l	99
70) Styrene	12.18	104	444029	19.594	ug/l	99
71) Bromoform	12.35	173	73920	19.140	ug/l #	99
73) Isopropylbenzene	12.46	105	713544	19.047	ug/l	99
74) N-amyl acetate	12.27	43	168928	20.111	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	131518	19.450	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101081m	20.940	ug/l	
77) Bromobenzene	12.74	156	165785	19.054	ug/l	98
78) n-propylbenzene	12.80	91	862585	19.581	ug/l	99
79) 2-Chlorotoluene	12.89	91	482125	19.232	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	604548	19.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41835	19.309	ug/l	95
82) 4-Chlorotoluene	12.99	91	509266	19.553	ug/l	99
83) tert-Butylbenzene	13.21	119	520210	18.890	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	603535	19.281	ug/l	99
85) sec-Butylbenzene	13.38	105	735008	19.282	ug/l	99
86) p-Isopropyltoluene	13.50	119	673014	19.370	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	320658	18.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	323229	19.351	ug/l	99
89) n-Butylbenzene	13.82	91	629980	19.525	ug/l	99
90) Hexachloroethane	14.09	117	113885	18.762	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	285913	19.226	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20872	19.492	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	196252	19.542	ug/l	99
94) Hexachlorobutadiene	15.24	225	128111	19.036	ug/l	98
95) Naphthalene	15.36	128	320347	18.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	167946	19.186	ug/l	99

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

