

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
 Data File : VW014543.D
 Acq On : 07 Jan 2020 13:09
 Operator : SY/VA
 Sample : VW0107SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:13:50 AM

Quant Time: Jan 08 06:06:13 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	673300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1024455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	889685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	452050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	318210	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
35) Dibromofluoromethane	7.88	113	311442	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.32	98	1289233	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.62	95	436223	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	83607	21.993	ug/l	97
3) Chloromethane	2.21	50	113880	24.473	ug/l	98
4) Vinyl Chloride	2.36	62	162196	23.699	ug/l	99
5) Bromomethane	2.77	94	102161	24.163	ug/l	98
6) Chloroethane	2.92	64	91881	23.551	ug/l	94
7) Trichlorofluoromethane	3.25	101	69889	20.409	ug/l	95
8) Diethyl Ether	3.68	74	78752	23.114	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145411	22.727	ug/l	98
10) Methyl Iodide	4.27	142	217976	22.579	ug/l	98
11) Tert butyl alcohol	5.15	59	47373	89.663	ug/l	100
12) 1,1-Dichloroethene	4.04	96	150792	22.505	ug/l	97
13) Acrolein	3.89	56	53742	104.597	ug/l	97
14) Allyl chloride	4.66	41	235820	23.031	ug/l	100
15) Acrylonitrile	5.36	53	173067	111.127	ug/l	98
16) Acetone	4.12	43	166366	100.086	ug/l	100
17) Carbon Disulfide	4.38	76	456704	22.615	ug/l	98
18) Methyl Acetate	4.67	43	91139	22.703	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	193702	23.289	ug/l	98
20) Methylene Chloride	4.91	84	173135	23.343	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	161142	22.650	ug/l	98
22) Diisopropyl ether	6.31	45	470896	24.570	ug/l	97
23) Vinyl Acetate	6.25	43	1305414	112.798	ug/l	98
24) 1,1-Dichloroethane	6.21	63	282476	23.366	ug/l	100
25) 2-Butanone	7.16	43	224230	105.116	ug/l	100
26) 2,2-Dichloropropane	7.16	77	149426	22.325	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	171468	22.937	ug/l	97
28) Bromochloromethane	7.51	49	92174	19.448	ug/l #	11
29) Tetrahydrofuran	7.53	42	142603	107.908	ug/l	98
30) Chloroform	7.67	83	271347	24.002	ug/l	98
31) Cyclohexane	7.95	56	270755	21.551	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	211560	23.269	ug/l	98
36) 1,1-Dichloropropene	8.08	75	222515	22.530	ug/l	99
37) Ethyl Acetate	7.25	43	99295	22.168	ug/l	98
38) Carbon Tetrachloride	8.07	117	191045	22.297	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263177	20.765	ug/l	99
40) Benzene	8.32	78	648163	23.196	ug/l	99
41) Methacrylonitrile	7.48	41	56591	22.665	ug/l	94
42) 1,2-Dichloroethane	8.40	62	167779	23.137	ug/l	100
43) Isopropyl Acetate	8.42	43	178181	21.907	ug/l	98
44) Trichloroethene	9.09	130	169655	22.437	ug/l	95
45) 1,2-Dichloropropane	9.37	63	163395	23.829	ug/l	98
46) Dibromomethane	9.46	93	77165	22.796	ug/l	99
47) Bromodichloromethane	9.64	83	196916	23.562	ug/l	99
48) Methyl methacrylate	9.43	41	80222	20.201	ug/l	95
49) 1,4-Dioxane	9.44	88	24877	392.920	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	462147	109.414	ug/l	99
52) Toluene	10.38	92	408644	23.246	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	194510	22.479	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	239047	22.604	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	112627	22.781	ug/l	98
56) Ethyl methacrylate	10.65	69	138696	21.587	ug/l	99
57) 1,3-Dichloropropane	10.93	76	199242	22.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	201978	103.363	ug/l	99
59) 2-Hexanone	10.96	43	315887	108.530	ug/l	98
60) Dibromochloromethane	11.13	129	126964	22.761	ug/l	100
61) 1,2-Dibromoethane	11.23	107	103470	22.048	ug/l	98
64) Tetrachloroethene	10.86	164	144537	22.440	ug/l	98
65) Chlorobenzene	11.65	112	416772	22.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	141722	23.093	ug/l	99
67) Ethyl Benzene	11.73	91	749563	22.819	ug/l	96
68) m/p-Xylenes	11.84	106	578426	46.011	ug/l	99
69) o-Xylene	12.16	106	263484	22.690	ug/l	98
70) Styrene	12.18	104	453648	23.096	ug/l	99
71) Bromoform	12.35	173	71933	21.489	ug/l #	97
73) Isopropylbenzene	12.46	105	717812	21.641	ug/l	99
74) N-amyl acetate	12.27	43	160015	21.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	128535	21.469	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	80166m	18.756	ug/l	
77) Bromobenzene	12.74	156	169170	21.959	ug/l	99
78) n-propylbenzene	12.80	91	861098	22.077	ug/l	99
79) 2-Chlorotoluene	12.89	91	492827	22.203	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	619733	22.252	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39960	20.831	ug/l	95
82) 4-Chlorotoluene	12.99	91	521983	22.636	ug/l	99
83) tert-Butylbenzene	13.21	119	524263	21.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	616778	22.255	ug/l	100
85) sec-Butylbenzene	13.38	105	735627	21.796	ug/l	100
86) p-Isopropyltoluene	13.49	119	675624	21.962	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	331102	22.102	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	330365	22.338	ug/l	98
89) n-Butylbenzene	13.82	91	615998	21.562	ug/l	99
90) Hexachloroethane	14.09	117	112888	21.005	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	299263	22.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19718	20.798	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	195489	21.986	ug/l	99
94) Hexachlorobutadiene	15.23	225	130676	21.931	ug/l	98
95) Naphthalene	15.36	128	306354	20.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	167397	21.599	ug/l	99

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

