

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014503.D
 Acq On : 03 Jan 2020 17:19
 Operator : SY/VA
 Sample : VW0103SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:43:33 AM

Quant Time: Jan 06 00:54:08 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	933889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1380462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1193154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	576936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	382148	46.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.60%	
35) Dibromofluoromethane	7.88	113	383344	48.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.18%	
50) Toluene-d8	10.32	98	1596805	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.62	95	532380	47.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	118558	22.484	ug/l	96
3) Chloromethane	2.21	50	138215	21.415	ug/l	98
4) Vinyl Chloride	2.36	62	195948	20.641	ug/l	98
5) Bromomethane	2.76	94	123787	21.109	ug/l	98
6) Chloroethane	2.91	64	110806	20.476	ug/l	98
7) Trichlorofluoromethane	3.25	101	92695	19.516	ug/l	99
8) Diethyl Ether	3.68	74	96461	20.412	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	180894	20.383	ug/l	99
10) Methyl Iodide	4.26	142	266249	19.884	ug/l	99
11) Tert butyl alcohol	5.16	59	62714	84.427	ug/l	99
12) 1,1-Dichloroethene	4.04	96	186926	20.113	ug/l	99
13) Acrolein	3.89	56	63574	89.207	ug/l	97
14) Allyl chloride	4.66	41	279907	19.709	ug/l	99
15) Acrylonitrile	5.36	53	202620	93.799	ug/l	99
16) Acetone	4.12	43	189935	82.381	ug/l	100
17) Carbon Disulfide	4.38	76	566687	20.231	ug/l	97
18) Methyl Acetate	4.67	43	106172	19.067	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	237396	20.578	ug/l	100
20) Methylene Chloride	4.91	84	206953	19.430	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	204557	20.729	ug/l	99
22) Diisopropyl ether	6.31	45	543075	20.430	ug/l	98
23) Vinyl Acetate	6.25	43	1613828	100.537	ug/l	99
24) 1,1-Dichloroethane	6.21	63	341314	20.355	ug/l	100
25) 2-Butanone	7.17	43	271013	91.596	ug/l	98
26) 2,2-Dichloropropane	7.17	77	186943	20.137	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	212406	20.485	ug/l	99
28) Bromochloromethane	7.51	49	116133	17.666	ug/l	100
29) Tetrahydrofuran	7.52	42	169248	92.334	ug/l	99
30) Chloroform	7.67	83	322132	20.544	ug/l	98
31) Cyclohexane	7.95	56	345717	19.839	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	259365	20.566	ug/l	99
36) 1,1-Dichloropropene	8.08	75	275393	20.693	ug/l	99
37) Ethyl Acetate	7.25	43	117562	19.478	ug/l	100
38) Carbon Tetrachloride	8.06	117	241049	20.878	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	349019	20.436	ug/l	99
40) Benzene	8.32	78	789667	20.972	ug/l	99
41) Methacrylonitrile	7.48	41	60929	18.109	ug/l	94
42) 1,2-Dichloroethane	8.40	62	199698	20.437	ug/l	100
43) Isopropyl Acetate	8.42	43	215834	19.692	ug/l	99
44) Trichloroethene	9.09	130	211996	20.807	ug/l	96
45) 1,2-Dichloropropane	9.37	63	193259	20.916	ug/l	96
46) Dibromomethane	9.46	93	93236	20.440	ug/l	98
47) Bromodichloromethane	9.64	83	232302	20.628	ug/l	100
48) Methyl methacrylate	9.43	41	104958	19.614	ug/l	98
49) 1,4-Dioxane	9.45	88	30685	359.667	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	552217	97.022	ug/l	100
52) Toluene	10.38	92	492846	20.805	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	235361	20.185	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	291735	20.472	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	134151	20.137	ug/l	98
56) Ethyl methacrylate	10.64	69	171857	19.850	ug/l	100
57) 1,3-Dichloropropane	10.93	76	240048	20.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	255980	97.215	ug/l	99
59) 2-Hexanone	10.96	43	378002	96.378	ug/l	99
60) Dibromochloromethane	11.13	129	153239	20.387	ug/l	99
61) 1,2-Dibromoethane	11.23	107	128270	20.284	ug/l	99
64) Tetrachloroethene	10.86	164	180968	20.950	ug/l	97
65) Chlorobenzene	11.65	112	505972	20.699	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	170233	20.684	ug/l	99
67) Ethyl Benzene	11.73	91	916519	20.805	ug/l	99
68) m/p-Xylenes	11.83	106	707894	41.987	ug/l	100
69) o-Xylene	12.16	106	321473	20.642	ug/l	100
70) Styrene	12.18	104	553589	21.016	ug/l	100
71) Bromoform	12.35	173	90056	20.061	ug/l #	99
73) Isopropylbenzene	12.46	105	898763	21.231	ug/l	99
74) N-amyl acetate	12.27	43	186498	19.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	152633	19.976	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	114379m	20.968	ug/l	
77) Bromobenzene	12.74	156	209242	21.281	ug/l	98
78) n-propylbenzene	12.80	91	1058419	21.262	ug/l	99
79) 2-Chlorotoluene	12.89	91	594190	20.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	751730	21.149	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47302	19.321	ug/l	96
82) 4-Chlorotoluene	12.99	91	622474	21.150	ug/l	100
83) tert-Butylbenzene	13.20	119	654096	21.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	755608	21.362	ug/l	100
85) sec-Butylbenzene	13.38	105	904821	21.006	ug/l	100
86) p-Isopropyltoluene	13.49	119	832816	21.211	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	405070	21.187	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	396246	20.993	ug/l	98
89) n-Butylbenzene	13.82	91	771469	21.159	ug/l	99
90) Hexachloroethane	14.09	117	137595	20.061	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	351238	20.902	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	24229	20.024	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.13	180	247613	21.820	ug/l	99
94) Hexachlorobutadiene	15.23	225	156095	20.526	ug/l	99
95) Naphthalene	15.36	128	397063	20.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	212539	21.487	ug/l	98

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

