

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011320\
 Data File : VW014615.D
 Acq On : 13 Jan 2020 11:12
 Operator : SY/VA
 Sample : VW0113SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Manual Integrations
 APPROVED

apatel
 1/14/2020 3:06:40 PM

Quant Time: Jan 14 12:32:26 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	727276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1086739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	925971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	454318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	325877	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.88	113	326371	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	10.32	98	1372862	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	454916	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	93930	22.874	ug/l	96
3) Chloromethane	2.21	50	114398	22.760	ug/l	97
4) Vinyl Chloride	2.36	62	167118	22.605	ug/l	100
5) Bromomethane	2.77	94	100794	22.071	ug/l	97
6) Chloroethane	2.92	64	91481	21.708	ug/l	96
7) Trichlorofluoromethane	3.25	101	79995	21.627	ug/l	93
8) Diethyl Ether	3.68	74	74608	20.272	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	153185	22.165	ug/l	99
10) Methyl Iodide	4.27	142	217833	20.890	ug/l	99
11) Tert butyl alcohol	5.16	59	48659	84.023	ug/l	97
12) 1,1-Dichloroethene	4.04	96	153975	21.275	ug/l	97
13) Acrolein	3.89	56	48831	87.985	ug/l	99
14) Allyl chloride	4.66	41	231354	20.918	ug/l	99
15) Acrylonitrile	5.35	53	166273	98.841	ug/l	99
16) Acetone	4.11	43	162095	90.279	ug/l	97
17) Carbon Disulfide	4.38	76	453648	20.796	ug/l	97
18) Methyl Acetate	4.66	43	85196	19.647	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	190793	21.237	ug/l	99
20) Methylene Chloride	4.91	84	180025	22.285	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	161512	21.017	ug/l	95
22) Diisopropyl ether	6.31	45	438625	21.188	ug/l	98
23) Vinyl Acetate	6.25	43	1261136	100.885	ug/l	99
24) 1,1-Dichloroethane	6.21	63	280894	21.511	ug/l	100
25) 2-Butanone	7.17	43	219349	95.196	ug/l	97
26) 2,2-Dichloropropane	7.16	77	159243	22.026	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	169821	21.030	ug/l	99
28) Bromochloromethane	7.51	49	96451	18.840	ug/l	98
29) Tetrahydrofuran	7.52	42	136376	95.538	ug/l	99
30) Chloroform	7.67	83	260810	21.358	ug/l	99
31) Cyclohexane	7.95	56	286176	21.088	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	214036	21.794	ug/l	99
36) 1,1-Dichloropropene	8.07	75	227520	21.717	ug/l	99
37) Ethyl Acetate	7.25	43	91373	19.230	ug/l	98
38) Carbon Tetrachloride	8.06	117	198099	21.795	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	279421	20.783	ug/l	97
40) Benzene	8.32	78	632836	21.349	ug/l	98
41) Methacrylonitrile	7.48	41	57257	21.617	ug/l	91
42) 1,2-Dichloroethane	8.40	62	160568	20.874	ug/l	100
43) Isopropyl Acetate	8.42	43	167880	19.457	ug/l	99
44) Trichloroethene	9.09	130	168577	21.017	ug/l	92
45) 1,2-Dichloropropane	9.37	63	153275	21.072	ug/l	96
46) Dibromomethane	9.46	93	72680	20.240	ug/l	98
47) Bromodichloromethane	9.64	83	185132	20.882	ug/l	99
48) Methyl methacrylate	9.43	41	80588	19.130	ug/l	99
49) 1,4-Dioxane	9.44	88	28384	422.618	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	434427	96.956	ug/l	100
52) Toluene	10.38	92	401998	21.557	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	186478	20.315	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	232480	20.723	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	107927	20.579	ug/l	98
56) Ethyl methacrylate	10.64	69	130698	19.176	ug/l	99
57) 1,3-Dichloropropane	10.93	76	190328	20.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	175461	84.647	ug/l	100
59) 2-Hexanone	10.96	43	298765	96.764	ug/l	100
60) Dibromochloromethane	11.13	129	119092	20.126	ug/l	97
61) 1,2-Dibromoethane	11.23	107	100506	20.189	ug/l	98
64) Tetrachloroethene	10.86	164	144669	21.580	ug/l	96
65) Chlorobenzene	11.65	112	405702	21.386	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	138946	21.754	ug/l	98
67) Ethyl Benzene	11.73	91	741489	21.689	ug/l	100
68) m/p-Xylenes	11.84	106	574811	43.931	ug/l	98
69) o-Xylene	12.16	106	257360	21.294	ug/l	98
70) Styrene	12.18	104	444066	21.722	ug/l	100
71) Bromoform	12.35	173	70549	20.250	ug/l #	99
73) Isopropylbenzene	12.46	105	729381	21.880	ug/l	99
74) N-amyl acetate	12.27	43	146028	19.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	121475	20.189	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	74827m	17.420	ug/l	
77) Bromobenzene	12.74	156	164036	21.187	ug/l	99
78) n-propylbenzene	12.80	91	860267	21.946	ug/l	99
79) 2-Chlorotoluene	12.89	91	480257	21.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	611314	21.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40145	20.823	ug/l	99
82) 4-Chlorotoluene	12.99	91	499887	21.569	ug/l	100
83) tert-Butylbenzene	13.21	119	528920	21.583	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	607438	21.808	ug/l	100
85) sec-Butylbenzene	13.38	105	745992	21.992	ug/l	100
86) p-Isopropyltoluene	13.49	119	682670	22.080	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	324772	21.571	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	321923	21.658	ug/l	99
89) n-Butylbenzene	13.82	91	632116	22.016	ug/l	99
90) Hexachloroethane	14.09	117	114674	21.231	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	286799	21.673	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19596	20.566	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	192993	21.597	ug/l	100
94) Hexachlorobutadiene	15.24	225	129940	21.698	ug/l	98
95) Naphthalene	15.37	128	301699	19.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	163723	21.019	ug/l	99

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

