

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015226.D
 Acq On : 20 Apr 2020 16:46
 Operator : SY/VA
 Sample : VW0420SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0420SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 10:00:55 AM

Quant Time: Apr 21 07:09:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106086	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
35) Dibromofluoromethane	7.89	113	105040	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.32	98	418284	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	152821	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	38069	20.743	ug/l	95
3) Chloromethane	2.21	50	41606	20.818	ug/l	97
4) Vinyl Chloride	2.36	62	48935	20.735	ug/l	97
5) Bromomethane	2.76	94	37695	22.464	ug/l	92
6) Chloroethane	2.92	64	29175	19.930	ug/l	99
7) Trichlorofluoromethane	3.26	101	71572	21.432	ug/l	99
8) Diethyl Ether	3.70	74	19841	21.167	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.07	101	44610	21.661	ug/l	93
10) Methyl Iodide	4.28	142	38408	17.756	ug/l	99
11) Tert butyl alcohol	5.17	59	15621	100.834	ug/l	96
12) 1,1-Dichloroethene	4.04	96	42071	21.224	ug/l	96
13) Acrolein	3.90	56	10291	126.918	ug/l	97
14) Allyl chloride	4.67	41	55031	20.927	ug/l	87
15) Acrylonitrile	5.38	53	35996	100.907	ug/l	98
16) Acetone	4.13	43	27439	82.663	ug/l	99
17) Carbon Disulfide	4.39	76	123075	20.893	ug/l	99
18) Methyl Acetate	4.68	43	17716	20.163	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	96568	21.222	ug/l	98
20) Methylene Chloride	4.92	84	44629	20.515	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	47161	20.978	ug/l	96
22) Diisopropyl ether	6.32	45	106634	21.137	ug/l	91
23) Vinyl Acetate	6.26	43	313028	105.738	ug/l	97
24) 1,1-Dichloroethane	6.23	63	73975	21.158	ug/l	99
25) 2-Butanone	7.17	43	43486	98.744	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	75472	20.519	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51656	21.283	ug/l	99
28) Bromochloromethane	7.51	49	26680	20.988	ug/l #	75
29) Tetrahydrofuran	7.53	42	28714	104.654	ug/l	90
30) Chloroform	7.68	83	80296	21.279	ug/l	98
31) Cyclohexane	7.96	56	74302	21.142	ug/l #	85
32) 1,1,1-Trichloroethane	7.88	97	77383	21.248	ug/l	99
36) 1,1-Dichloropropene	8.09	75	64983	21.031	ug/l	99
37) Ethyl Acetate	7.26	43	20747	20.689	ug/l #	97
38) Carbon Tetrachloride	8.07	117	69703	20.643	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82681	20.104	ug/l	96
40) Benzene	8.32	78	171309	20.755	ug/l	99
41) Methacrylonitrile	7.49	41	12394	20.599	ug/l	93
42) 1,2-Dichloroethane	8.40	62	50132	20.632	ug/l	100
43) Isopropyl Acetate	8.43	43	43030	20.459	ug/l	95
44) Trichloroethene	9.10	130	52618	20.841	ug/l	91
45) 1,2-Dichloropropane	9.37	63	40127	20.906	ug/l	100
46) Dibromomethane	9.46	93	22974	20.691	ug/l #	89
47) Bromodichloromethane	9.65	83	62128	20.931	ug/l	99
48) Methyl methacrylate	9.43	41	19053	19.163	ug/l #	84
49) 1,4-Dioxane	9.45	88	5155	348.268	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	99454	100.734	ug/l	98
52) Toluene	10.39	92	115403	19.978	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59120	20.200	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	70691	20.780	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	32130	20.666	ug/l	93
56) Ethyl methacrylate	10.65	69	39610	19.776	ug/l	91
57) 1,3-Dichloropropane	10.93	76	53134	20.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97381	104.871	ug/l	91
59) 2-Hexanone	10.97	43	65813	93.382	ug/l	97
60) Dibromochloromethane	11.13	129	43044	20.969	ug/l	100
61) 1,2-Dibromoethane	11.24	107	30996	20.432	ug/l	100
64) Tetrachloroethene	10.86	164	46491	20.713	ug/l	91
65) Chlorobenzene	11.66	112	124018	20.097	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	46799	21.100	ug/l	96
67) Ethyl Benzene	11.73	91	231094	20.081	ug/l	100
68) m/p-Xylenes	11.84	106	179387	39.767	ug/l	99
69) o-Xylene	12.16	106	83887	19.923	ug/l	99
70) Styrene	12.18	104	142764	19.891	ug/l	99
71) Bromoform	12.35	173	24857	19.890	ug/l #	98
73) Isopropylbenzene	12.46	105	231451	20.616	ug/l	100
74) N-amyl acetate	12.27	43	39548	20.248	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	33206	20.832	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	22063m	17.613	ug/l	
77) Bromobenzene	12.74	156	55432	21.490	ug/l	83
78) n-propylbenzene	12.80	91	271038	20.735	ug/l	97
79) 2-Chlorotoluene	12.89	91	152894	20.755	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	201982	20.885	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11867	20.709	ug/l	93
82) 4-Chlorotoluene	12.99	91	160230	20.486	ug/l	98
83) tert-Butylbenzene	13.21	119	173349	20.508	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	195808	20.528	ug/l	99
85) sec-Butylbenzene	13.38	105	237586	20.353	ug/l	97
86) p-Isopropyltoluene	13.50	119	221614	20.431	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	106890	20.857	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	103576	20.617	ug/l	98
89) n-Butylbenzene	13.82	91	203502	20.526	ug/l	97
90) Hexachloroethane	14.09	117	41209	20.716	ug/l	76
91) 1,2-Dichlorobenzene	13.87	146	91177	20.473	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5650	19.586	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64054	20.692	ug/l	98
94) Hexachlorobutadiene	15.24	225	43421	21.039	ug/l	99
95) Naphthalene	15.36	128	101385	20.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52334	20.779	ug/l	97

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

