

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015661.D
 Acq On : 23 Jun 2020 15:03
 Operator : SY/VA
 Sample : VW0623SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:58:23 AM

Quant Time: Jun 24 03:47:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	341396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119646	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.89	113	105373	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.33	98	431109	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	157415	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24508	19.193	ug/l	95
3) Chloromethane	2.21	50	29263	19.516	ug/l	97
4) Vinyl Chloride	2.37	62	47674	19.667	ug/l	99
5) Bromomethane	2.78	94	37976	21.315	ug/l	96
6) Chloroethane	2.93	64	32200	20.185	ug/l	100
7) Trichlorofluoromethane	3.26	101	33921	18.637	ug/l	94
8) Diethyl Ether	3.68	74	21492	20.446	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42221	19.680	ug/l	99
10) Methyl Iodide	4.28	142	58530	19.294	ug/l	100
11) Tert butyl alcohol	5.21	59	14140	85.110	ug/l	97
12) 1,1-Dichloroethene	4.04	96	41513	19.872	ug/l	98
13) Acrolein	3.90	56	16900	102.101	ug/l	98
14) Allyl chloride	4.67	41	66532	19.631	ug/l	99
15) Acrylonitrile	5.38	53	42094	97.061	ug/l	98
16) Acetone	4.14	43	43136	95.230	ug/l	99
17) Carbon Disulfide	4.38	76	113536	18.884	ug/l	98
18) Methyl Acetate	4.68	43	20576	19.091	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	63853	20.310	ug/l	95
20) Methylene Chloride	4.92	84	54493	22.155	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	47235	19.722	ug/l	95
22) Diisopropyl ether	6.32	45	135499	20.102	ug/l	97
23) Vinyl Acetate	6.26	43	392550	99.863	ug/l	99
24) 1,1-Dichloroethane	6.22	63	83173	19.602	ug/l	99
25) 2-Butanone	7.18	43	59538	97.253	ug/l	99
26) 2,2-Dichloropropane	7.17	77	56088	19.708	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	50898	19.755	ug/l	99
28) Bromochloromethane	7.52	49	33316	20.412	ug/l	98
29) Tetrahydrofuran	7.54	42	35733	99.327	ug/l	99
30) Chloroform	7.68	83	84797	19.486	ug/l	97
31) Cyclohexane	7.96	56	78750	19.187	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	73501	19.815	ug/l	98
36) 1,1-Dichloropropene	8.09	75	69793	19.655	ug/l	100
37) Ethyl Acetate	7.26	43	26979	19.899	ug/l	100
38) Carbon Tetrachloride	8.07	117	66265	19.252	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84622	19.675	ug/l	99
40) Benzene	8.33	78	190859	19.768	ug/l	99
41) Methacrylonitrile	7.49	41	15939	20.484	ug/l	96
42) 1,2-Dichloroethane	8.40	62	59728	19.997	ug/l	100
43) Isopropyl Acetate	8.43	43	54640	20.195	ug/l	99
44) Trichloroethene	9.09	130	50902	19.560	ug/l	97
45) 1,2-Dichloropropane	9.37	63	46082	19.526	ug/l	99
46) Dibromomethane	9.46	93	23622	19.346	ug/l	99
47) Bromodichloromethane	9.65	83	61938	19.447	ug/l	97
48) Methyl methacrylate	9.44	41	25105	20.296	ug/l	98
49) 1,4-Dioxane	9.47	88	6401	399.609	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	131903	101.092	ug/l	100
52) Toluene	10.39	92	123671	19.837	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	59882	19.461	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	72103	19.616	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34315	20.212	ug/l	98
56) Ethyl methacrylate	10.65	69	43258	20.478	ug/l	99
57) 1,3-Dichloropropane	10.93	76	60082	19.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	105895	105.934	ug/l	100
59) 2-Hexanone	10.97	43	90741	102.153	ug/l	100
60) Dibromochloromethane	11.13	129	39148	19.788	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32808	20.217	ug/l	99
64) Tetrachloroethene	10.87	164	43279	19.851	ug/l	97
65) Chlorobenzene	11.66	112	130720	19.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45432	19.804	ug/l	99
67) Ethyl Benzene	11.73	91	244188	20.053	ug/l	99
68) m/p-Xylenes	11.84	106	180378	39.449	ug/l	99
69) o-Xylene	12.17	106	84734	20.155	ug/l	99
70) Styrene	12.18	104	143171	19.932	ug/l	100
71) Bromoform	12.35	173	20287	19.219	ug/l #	98
73) Isopropylbenzene	12.47	105	238890	19.691	ug/l	100
74) N-amyl acetate	12.27	43	51362	19.971	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	37932	19.544	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28506m	19.650	ug/l	
77) Bromobenzene	12.75	156	53885	19.919	ug/l	98
78) n-propylbenzene	12.80	91	288739	19.772	ug/l	100
79) 2-Chlorotoluene	12.90	91	164180	19.967	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	201761	19.627	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10699	18.586	ug/l	91
82) 4-Chlorotoluene	12.99	91	169869	19.528	ug/l	99
83) tert-Butylbenzene	13.21	119	173416	19.966	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	203980	19.897	ug/l	99
85) sec-Butylbenzene	13.38	105	249000	20.059	ug/l	100
86) p-Isopropyltoluene	13.50	119	225608	20.004	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107799	20.074	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	105885	19.908	ug/l	98
89) n-Butylbenzene	13.82	91	216531	19.999	ug/l	99
90) Hexachloroethane	14.10	117	39238	19.549	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	92928	20.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6309	20.300	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62624	20.424	ug/l	100
94) Hexachlorobutadiene	15.24	225	38098	19.504	ug/l	98
95) Naphthalene	15.37	128	103641	20.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	52393	19.846	ug/l	99

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

