

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015646.D
 Acq On : 22 Jun 2020 13:47
 Operator : SY/VA
 Sample : VW0622SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:00:55 AM

Quant Time: Jun 23 05:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122286	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
35) Dibromofluoromethane	7.89	113	107793	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
50) Toluene-d8	10.32	98	439886	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
62) 4-Bromofluorobenzene	12.62	95	159003	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23115	19.642	ug/l	96
3) Chloromethane	2.21	50	28627	19.792	ug/l	97
4) Vinyl Chloride	2.37	62	47296	20.982	ug/l	100
5) Bromomethane	2.78	94	35626	22.418	ug/l	96
6) Chloroethane	2.93	64	31218	21.394	ug/l	96
7) Trichlorofluoromethane	3.26	101	36265	21.558	ug/l	100
8) Diethyl Ether	3.68	74	20262	19.860	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41741	20.395	ug/l	98
10) Methyl Iodide	4.28	142	58268	19.282	ug/l	100
11) Tert butyl alcohol	5.21	59	13584	68.556	ug/l	98
12) 1,1-Dichloroethene	4.04	96	40677	19.971	ug/l	98
13) Acrolein	3.90	56	13897	102.247	ug/l	98
14) Allyl chloride	4.67	41	65720	18.970	ug/l	99
15) Acrylonitrile	5.38	53	42103	99.807	ug/l	99
16) Acetone	4.14	43	41267	81.207	ug/l	98
17) Carbon Disulfide	4.38	76	116262	19.112	ug/l	100
18) Methyl Acetate	4.68	43	19926	19.956	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63082	19.957	ug/l	99
20) Methylene Chloride	4.92	84	48905	20.984	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	45812	19.879	ug/l	97
22) Diisopropyl ether	6.32	45	129175	19.732	ug/l	99
23) Vinyl Acetate	6.26	43	379722	97.827	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81863	19.846	ug/l	99
25) 2-Butanone	7.18	43	57563	96.326	ug/l	100
26) 2,2-Dichloropropane	7.17	77	56627	19.546	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49090	19.583	ug/l	96
28) Bromochloromethane	7.51	49	31837	20.565	ug/l #	100
29) Tetrahydrofuran	7.54	42	34678	97.882	ug/l	99
30) Chloroform	7.68	83	83403	20.141	ug/l	100
31) Cyclohexane	7.96	56	78081	19.384	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	73072	20.431	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67699	19.720	ug/l	100
37) Ethyl Acetate	7.26	43	26377	19.797	ug/l	99
38) Carbon Tetrachloride	8.07	117	66983	19.928	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82552	19.499	ug/l	96
40) Benzene	8.33	78	185619	20.036	ug/l	100
41) Methacrylonitrile	7.49	41	15538	20.303	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57641	20.386	ug/l	100
43) Isopropyl Acetate	8.43	43	52409	19.800	ug/l	98
44) Trichloroethene	9.10	130	49035	19.836	ug/l	94
45) 1,2-Dichloropropane	9.37	63	45258	20.027	ug/l	100
46) Dibromomethane	9.46	93	23821	20.648	ug/l	99
47) Bromodichloromethane	9.65	83	59777	19.148	ug/l	98
48) Methyl methacrylate	9.44	41	23892	19.747	ug/l	99
49) 1,4-Dioxane	9.46	88	6249	356.372	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	125114	99.489	ug/l	98
52) Toluene	10.39	92	122575	20.512	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	58074	18.872	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	68840	18.985	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33503	20.804	ug/l	96
56) Ethyl methacrylate	10.65	69	40618	19.391	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58379	20.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101493	101.337	ug/l	99
59) 2-Hexanone	10.97	43	85156	97.897	ug/l	99
60) Dibromochloromethane	11.13	129	38190	19.435	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31007	20.119	ug/l	98
64) Tetrachloroethene	10.87	164	42746	20.684	ug/l	90
65) Chlorobenzene	11.66	112	127193	20.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44474	19.793	ug/l	99
67) Ethyl Benzene	11.73	91	237229	20.053	ug/l	100
68) m/p-Xylenes	11.84	106	177913	40.249	ug/l	99
69) o-Xylene	12.17	106	81329	19.751	ug/l	98
70) Styrene	12.18	104	138700	19.722	ug/l	99
71) Bromoform	12.35	173	20214	18.716	ug/l #	99
73) Isopropylbenzene	12.47	105	228109	19.397	ug/l	99
74) N-amyl acetate	12.27	43	48016	19.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	36683	20.244	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27318m	21.062	ug/l	
77) Bromobenzene	12.75	156	50641	19.942	ug/l	98
78) n-propylbenzene	12.80	91	280007	19.929	ug/l	100
79) 2-Chlorotoluene	12.90	91	156394	19.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	197733	19.952	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10176	16.899	ug/l	90
82) 4-Chlorotoluene	12.99	91	164381	19.965	ug/l	100
83) tert-Butylbenzene	13.21	119	163020	19.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	198886	20.082	ug/l	99
85) sec-Butylbenzene	13.38	105	238558	19.987	ug/l	100
86) p-Isopropyltoluene	13.50	119	217951	19.935	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	100794	20.008	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	98626	19.650	ug/l	96
89) n-Butylbenzene	13.82	91	210527	20.060	ug/l	98
90) Hexachloroethane	14.10	117	37739	18.765	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	87544	19.903	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5886	18.841	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57705	19.098	ug/l	99
94) Hexachlorobutadiene	15.24	225	36636	19.883	ug/l	98
95) Naphthalene	15.37	128	92999	18.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	48241	18.954	ug/l	97

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

