

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015740.D
 Acq On : 26 Jun 2020 11:07
 Operator : SY/VA
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:33:59 PM

Quant Time: Jun 27 02:02:02 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	193678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	309870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107311	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.88	113	95524	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.32	98	384691	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	139831	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24772	21.451	ug/l	95
3) Chloromethane	2.21	50	30474	22.472	ug/l	96
4) Vinyl Chloride	2.37	62	48824	22.271	ug/l	99
5) Bromomethane	2.78	94	37874	23.505	ug/l	98
6) Chloroethane	2.93	64	33087	22.934	ug/l	99
7) Trichlorofluoromethane	3.26	101	35137	21.346	ug/l	94
8) Diethyl Ether	3.68	74	21165	22.264	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42110	21.703	ug/l	99
10) Methyl Iodide	4.26	142	58402	21.287	ug/l	100
11) Tert butyl alcohol	5.20	59	12280	80.206	ug/l	100
12) 1,1-Dichloroethene	4.03	96	40714	21.550	ug/l	94
13) Acrolein	3.89	56	13594	90.810	ug/l	99
14) Allyl chloride	4.67	41	65833	21.478	ug/l	99
15) Acrylonitrile	5.37	53	41187	105.009	ug/l	99
16) Acetone	4.13	43	43694	106.659	ug/l	100
17) Carbon Disulfide	4.38	76	108395	19.935	ug/l	100
18) Methyl Acetate	4.67	43	20794	21.932	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	63011	22.161	ug/l	96
20) Methylene Chloride	4.91	84	52749	24.065	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46664	21.543	ug/l	97
22) Diisopropyl ether	6.31	45	134551	22.071	ug/l	95
23) Vinyl Acetate	6.26	43	375003	105.484	ug/l	99
24) 1,1-Dichloroethane	6.21	63	84275	21.961	ug/l	99
25) 2-Butanone	7.18	43	55317	99.910	ug/l	100
26) 2,2-Dichloropropane	7.17	77	53280	20.701	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50849	21.822	ug/l	100
28) Bromochloromethane	7.51	49	30961	20.975	ug/l	97
29) Tetrahydrofuran	7.54	42	33659	103.452	ug/l	98
30) Chloroform	7.68	83	85485	21.721	ug/l	98
31) Cyclohexane	7.95	56	79238	21.346	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	71977	21.455	ug/l	99
36) 1,1-Dichloropropene	8.08	75	70005	21.721	ug/l	99
37) Ethyl Acetate	7.26	43	25740	20.917	ug/l	99
38) Carbon Tetrachloride	8.07	117	66957	21.432	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82609	21.162	ug/l	99
40) Benzene	8.32	78	189823	21.661	ug/l	98
41) Methacrylonitrile	7.48	41	14735	20.863	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59061	21.785	ug/l	99
43) Isopropyl Acetate	8.43	43	50753	20.667	ug/l	100
44) Trichloroethene	9.09	130	50214	21.258	ug/l	91
45) 1,2-Dichloropropane	9.37	63	46920	21.904	ug/l	99
46) Dibromomethane	9.46	93	23515	21.217	ug/l	99
47) Bromodichloromethane	9.65	83	60416	20.899	ug/l	99
48) Methyl methacrylate	9.44	41	23417	20.857	ug/l	99
49) 1,4-Dioxane	9.46	88	5893	405.325	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	122471	103.413	ug/l	100
52) Toluene	10.39	92	123919	21.899	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57054	20.429	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69981	20.975	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33376	21.660	ug/l	99
56) Ethyl methacrylate	10.65	69	40393	21.067	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59095	21.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	96886	106.783	ug/l	99
59) 2-Hexanone	10.97	43	83581	103.665	ug/l	98
60) Dibromochloromethane	11.13	129	36852	20.522	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30713	20.852	ug/l	100
64) Tetrachloroethene	10.87	164	42556	21.716	ug/l	98
65) Chlorobenzene	11.66	112	129420	22.006	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	44677	21.666	ug/l	97
67) Ethyl Benzene	11.73	91	243317	22.230	ug/l	99
68) m/p-Xylenes	11.84	106	182169	44.324	ug/l	97
69) o-Xylene	12.16	106	82077	21.720	ug/l	98
70) Styrene	12.18	104	140805	21.809	ug/l	98
71) Bromoform	12.35	173	19223	20.261	ug/l #	99
73) Isopropylbenzene	12.46	105	233908	21.424	ug/l	100
74) N-amyl acetate	12.27	43	47301	20.437	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36868	21.108	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26077m	19.975	ug/l	
77) Bromobenzene	12.75	156	51191	21.027	ug/l	98
78) n-propylbenzene	12.80	91	289625	22.038	ug/l	100
79) 2-Chlorotoluene	12.89	91	163909	22.151	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	201690	21.801	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9532	18.400	ug/l	87
82) 4-Chlorotoluene	12.99	91	170440	21.772	ug/l	99
83) tert-Butylbenzene	13.21	119	170096	21.761	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	202380	21.936	ug/l	99
85) sec-Butylbenzene	13.38	105	247852	22.186	ug/l	99
86) p-Isopropyltoluene	13.50	119	225450	22.212	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105023	21.731	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106339	22.216	ug/l	96
89) n-Butylbenzene	13.82	91	218337	22.408	ug/l	99
90) Hexachloroethane	14.10	117	37398	20.704	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	91847	21.980	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5811	20.776	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	61157	22.163	ug/l	99
94) Hexachlorobutadiene	15.24	225	37235	21.181	ug/l	99
95) Naphthalene	15.37	128	97330	21.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51208	21.554	ug/l	98

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

