

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015718.D
 Acq On : 25 Jun 2020 10:39
 Operator : SY/VA
 Sample : VW0625SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:18 AM

Quant Time: Jun 26 02:05:58 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	185593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	100832	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.88	113	90048	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.32	98	357562	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.62	95	129450	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	21776	19.678	ug/l	98
3) Chloromethane	2.21	50	27513	21.173	ug/l	96
4) Vinyl Chloride	2.37	62	43731	20.817	ug/l	99
5) Bromomethane	2.78	94	36219	23.457	ug/l	99
6) Chloroethane	2.93	64	30205	21.848	ug/l	97
7) Trichlorofluoromethane	3.26	101	31806	20.164	ug/l	99
8) Diethyl Ether	3.68	74	18177	19.953	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	38032	20.455	ug/l	99
10) Methyl Iodide	4.27	142	51911	19.746	ug/l	99
11) Tert butyl alcohol	5.20	59	13286m	95.500	ug/l	
12) 1,1-Dichloroethene	4.03	96	36414	20.114	ug/l	96
13) Acrolein	3.90	56	13735	95.749	ug/l	99
14) Allyl chloride	4.67	41	56332	19.179	ug/l	98
15) Acrylonitrile	5.37	53	36505	97.126	ug/l	99
16) Acetone	4.14	43	36694	93.474	ug/l	99
17) Carbon Disulfide	4.38	76	96316	18.485	ug/l	100
18) Methyl Acetate	4.67	43	18151	19.524	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	54133	19.868	ug/l	96
20) Methylene Chloride	4.92	84	48949	23.146	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	40947	19.727	ug/l	98
22) Diisopropyl ether	6.31	45	115782	19.820	ug/l	96
23) Vinyl Acetate	6.26	43	322959	94.802	ug/l	100
24) 1,1-Dichloroethane	6.21	63	74478	20.254	ug/l	99
25) 2-Butanone	7.18	43	48996	92.349	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46869	19.003	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44212	19.801	ug/l	97
28) Bromochloromethane	7.51	49	29210	20.651	ug/l #	13
29) Tetrahydrofuran	7.54	42	28950	92.855	ug/l	99
30) Chloroform	7.68	83	75308	19.969	ug/l	99
31) Cyclohexane	7.95	56	69257	19.470	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	64534	20.075	ug/l	99
36) 1,1-Dichloropropene	8.09	75	62404	20.586	ug/l	99
37) Ethyl Acetate	7.26	43	21718	18.764	ug/l	99
38) Carbon Tetrachloride	8.07	117	58958	20.064	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73567	20.036	ug/l	97
40) Benzene	8.32	78	167260	20.292	ug/l	99
41) Methacrylonitrile	7.49	41	12393	18.656	ug/l	96
42) 1,2-Dichloroethane	8.40	62	51775	20.304	ug/l	100
43) Isopropyl Acetate	8.43	43	42851	18.552	ug/l	98
44) Trichloroethene	9.09	130	44105	19.852	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40488	20.096	ug/l	98
46) Dibromomethane	9.46	93	20434	19.603	ug/l	99
47) Bromodichloromethane	9.65	83	52417	19.278	ug/l	98
48) Methyl methacrylate	9.44	41	19678	18.634	ug/l	94
49) 1,4-Dioxane	9.46	88	5565	406.956	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	104269	93.608	ug/l	99
52) Toluene	10.39	92	109613	20.595	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	48110	18.315	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	59467	18.950	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28688	19.794	ug/l	98
56) Ethyl methacrylate	10.65	69	34134	18.928	ug/l #	95
57) 1,3-Dichloropropane	10.93	76	51545	20.061	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	92006	107.813	ug/l	100
59) 2-Hexanone	10.97	43	71414	94.173	ug/l	99
60) Dibromochloromethane	11.13	129	32129	19.023	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27321	19.721	ug/l	99
64) Tetrachloroethene	10.87	164	36900	19.639	ug/l	94
65) Chlorobenzene	11.66	112	114074	20.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	39002	19.726	ug/l	98
67) Ethyl Benzene	11.73	91	210756	20.082	ug/l	97
68) m/p-Xylenes	11.84	106	161393	40.955	ug/l	99
69) o-Xylene	12.17	106	72459	19.998	ug/l	100
70) Styrene	12.18	104	125187	20.222	ug/l	100
71) Bromoform	12.35	173	16379	18.004	ug/l #	97
73) Isopropylbenzene	12.46	105	204392	19.646	ug/l	99
74) N-amyl acetate	12.27	43	40549	18.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	31669	19.028	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23001m	18.490	ug/l	
77) Bromobenzene	12.75	156	45567	19.642	ug/l	99
78) n-propylbenzene	12.80	91	253357	20.232	ug/l	99
79) 2-Chlorotoluene	12.90	91	142225	20.171	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	178733	20.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8000	16.206	ug/l	87
82) 4-Chlorotoluene	12.99	91	149463	20.036	ug/l	99
83) tert-Butylbenzene	13.21	119	148582	19.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	175849	20.003	ug/l	99
85) sec-Butylbenzene	13.38	105	218009	20.480	ug/l	100
86) p-Isopropyltoluene	13.50	119	199819	20.660	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	96006	20.847	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92026	20.177	ug/l	98
89) n-Butylbenzene	13.82	91	193314	20.821	ug/l	97
90) Hexachloroethane	14.10	117	32727	19.014	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	81458	20.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4747	17.811	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51723	19.671	ug/l	98
94) Hexachlorobutadiene	15.23	225	32490	19.396	ug/l	97
95) Naphthalene	15.37	128	81912	18.835	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	44127	19.492	ug/l	98

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

