

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015700.D
 Acq On : 24 Jun 2020 23:49
 Operator : SY/VA
 Sample : VW0624SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:29 PM

Quant Time: Jun 25 03:49:38 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	201063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	334178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	117915	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
35) Dibromofluoromethane	7.88	113	102312	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.32	98	405743	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	157025	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	18823	15.701	ug/l	99
3) Chloromethane	2.21	50	28967	20.576	ug/l	99
4) Vinyl Chloride	2.35	62	42861	18.833	ug/l	99
5) Bromomethane	2.77	94	39747	23.762	ug/l	98
6) Chloroethane	2.92	64	30674	20.481	ug/l	99
7) Trichlorofluoromethane	3.26	101	29312	17.153	ug/l	95
8) Diethyl Ether	3.68	74	21928	22.219	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39163	19.443	ug/l	99
10) Methyl Iodide	4.26	142	56734	19.920	ug/l	99
11) Tert butyl alcohol	5.20	59	12700	79.758	ug/l	99
12) 1,1-Dichloroethene	4.03	96	37747	19.246	ug/l	99
13) Acrolein	3.89	56	15219	97.931	ug/l	99
14) Allyl chloride	4.67	41	62127	19.525	ug/l	99
15) Acrylonitrile	5.37	53	46256	113.601	ug/l	99
16) Acetone	4.13	43	37568	88.337	ug/l	99
17) Carbon Disulfide	4.37	76	99825	17.684	ug/l	98
18) Methyl Acetate	4.67	43	23861	24.781	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	67569	22.891	ug/l	99
20) Methylene Chloride	4.92	84	56026	24.737	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	45796	20.366	ug/l	97
22) Diisopropyl ether	6.31	45	142312	22.487	ug/l	98
23) Vinyl Acetate	6.26	43	413498	112.040	ug/l	99
24) 1,1-Dichloroethane	6.21	63	84215	21.140	ug/l	100
25) 2-Butanone	7.18	43	60887	105.931	ug/l	98
26) 2,2-Dichloropropane	7.16	77	49103	18.377	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	52094	21.536	ug/l	98
28) Bromochloromethane	7.51	49	34493	22.509	ug/l	99
29) Tetrahydrofuran	7.53	42	38438	113.801	ug/l	99
30) Chloroform	7.67	83	88149	21.575	ug/l	100
31) Cyclohexane	7.95	56	72516	18.818	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	70273	20.178	ug/l	98
36) 1,1-Dichloropropene	8.08	75	66545	19.145	ug/l	100
37) Ethyl Acetate	7.26	43	30466	22.956	ug/l	98
38) Carbon Tetrachloride	8.07	117	63754	18.922	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77697	18.456	ug/l	99
40) Benzene	8.32	78	191595	20.273	ug/l	98
41) Methacrylonitrile	7.48	41	16671	21.887	ug/l	96
42) 1,2-Dichloroethane	8.40	62	64211	21.962	ug/l	100
43) Isopropyl Acetate	8.43	43	58782	22.195	ug/l	99
44) Trichloroethene	9.09	130	50180	19.699	ug/l	93
45) 1,2-Dichloropropane	9.37	63	49034	21.226	ug/l	99
46) Dibromomethane	9.46	93	26302	22.006	ug/l	99
47) Bromodichloromethane	9.65	83	64773	20.776	ug/l	99
48) Methyl methacrylate	9.44	41	26724	22.071	ug/l	94
49) 1,4-Dioxane	9.48	88	6082	387.895	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	145214	113.698	ug/l	98
52) Toluene	10.39	92	129771	21.265	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60867	20.209	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	73449	20.413	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37606	22.629	ug/l	98
56) Ethyl methacrylate	10.65	69	46150	22.319	ug/l	95
57) 1,3-Dichloropropane	10.93	76	65619	22.273	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	112856	115.336	ug/l	99
59) 2-Hexanone	10.97	43	94329	108.486	ug/l	100
60) Dibromochloromethane	11.13	129	42296	21.841	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35726	22.491	ug/l	99
64) Tetrachloroethene	10.87	164	44090	19.322	ug/l	95
65) Chlorobenzene	11.66	112	138708	20.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49552	20.636	ug/l	98
67) Ethyl Benzene	11.73	91	255699	20.062	ug/l	100
68) m/p-Xylenes	11.84	106	193979	40.532	ug/l	100
69) o-Xylene	12.17	106	88804	20.181	ug/l	99
70) Styrene	12.18	104	154151	20.504	ug/l	98
71) Bromoform	12.35	173	22599	20.455	ug/l #	98
73) Isopropylbenzene	12.46	105	246346	19.468	ug/l	100
74) N-amyl acetate	12.27	43	54521	20.325	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	43434	21.456	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36698m	24.254	ug/l	
77) Bromobenzene	12.75	156	58501	20.733	ug/l	99
78) n-propylbenzene	12.80	91	300479	19.728	ug/l	100
79) 2-Chlorotoluene	12.90	91	175320	20.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215111	20.062	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10932	18.207	ug/l	91
82) 4-Chlorotoluene	12.99	91	182647	20.131	ug/l	99
83) tert-Butylbenzene	13.21	119	178747	19.730	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	214100	20.023	ug/l	99
85) sec-Butylbenzene	13.38	105	255601	19.741	ug/l	100
86) p-Isopropyltoluene	13.50	119	236659	20.118	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	114426	20.429	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111363	20.074	ug/l	98
89) n-Butylbenzene	13.82	91	216064	19.133	ug/l	98
90) Hexachloroethane	14.10	117	39883	19.051	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	100984	20.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6216	19.176	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	57727	18.050	ug/l	100
94) Hexachlorobutadiene	15.24	225	37042	18.181	ug/l	97
95) Naphthalene	15.37	128	100131	18.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51381	18.660	ug/l	95

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

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