

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015806.D
 Acq On : 08 Jul 2020 13:39
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:32 AM

Quant Time: Jul 09 05:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102763	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.88	113	92598	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.32	98	358076	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	136847	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	28512	26.152	ug/l	93
3) Chloromethane	2.21	50	32441	21.910	ug/l	99
4) Vinyl Chloride	2.37	62	52959	23.166	ug/l	99
5) Bromomethane	2.78	94	37925	21.681	ug/l	98
6) Chloroethane	2.93	64	34228	22.185	ug/l	98
7) Trichlorofluoromethane	3.26	101	37334	22.723	ug/l	99
8) Diethyl Ether	3.68	74	21265	20.773	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43863	22.807	ug/l	99
10) Methyl Iodide	4.26	142	58633	21.804	ug/l	99
11) Tert butyl alcohol	5.17	59	16540	146.155	ug/l	95
12) 1,1-Dichloroethene	4.03	96	42244	22.340	ug/l	100
13) Acrolein	3.89	56	15282	103.341	ug/l	99
14) Allyl chloride	4.67	41	66159	21.526	ug/l	100
15) Acrylonitrile	5.37	53	42827	107.001	ug/l	99
16) Acetone	4.12	43	50172	125.787	ug/l	98
17) Carbon Disulfide	4.38	76	122408	21.761	ug/l	99
18) Methyl Acetate	4.67	43	18852	20.769	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	60090	21.232	ug/l	97
20) Methylene Chloride	4.92	84	58780	26.551	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46726	21.334	ug/l	94
22) Diisopropyl ether	6.31	45	131281	21.197	ug/l	94
23) Vinyl Acetate	6.26	43	383841	104.197	ug/l	100
24) 1,1-Dichloroethane	6.21	63	82693	21.088	ug/l	99
25) 2-Butanone	7.17	43	60365	111.495	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55007	22.360	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49588	21.086	ug/l	97
28) Bromochloromethane	7.51	49	33414	21.495	ug/l	100
29) Tetrahydrofuran	7.53	42	35291	107.415	ug/l	99
30) Chloroform	7.68	83	84345	21.042	ug/l	100
31) Cyclohexane	7.96	56	79720	21.601	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	72585	21.595	ug/l	100
36) 1,1-Dichloropropene	8.09	75	69553	21.756	ug/l	100
37) Ethyl Acetate	7.26	43	25914	20.861	ug/l	99
38) Carbon Tetrachloride	8.07	117	65663	21.226	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83573	22.154	ug/l	99
40) Benzene	8.32	78	188489	21.524	ug/l	98
41) Methacrylonitrile	7.48	41	15406	21.845	ug/l	97
42) 1,2-Dichloroethane	8.40	62	57528	21.107	ug/l	99
43) Isopropyl Acetate	8.43	43	50023	20.630	ug/l	99
44) Trichloroethene	9.09	130	48859	21.093	ug/l	93
45) 1,2-Dichloropropane	9.37	63	45159	20.979	ug/l	100
46) Dibromomethane	9.46	93	23197	20.932	ug/l	98
47) Bromodichloromethane	9.65	83	60321	21.044	ug/l	94
48) Methyl methacrylate	9.44	41	23365	21.026	ug/l	99
49) 1,4-Dioxane	9.45	88	6738	491.790	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	125084	105.716	ug/l	99
52) Toluene	10.39	92	121403	21.543	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56752	20.635	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	68653	20.868	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32224	20.970	ug/l	98
56) Ethyl methacrylate	10.65	69	38765	20.519	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57401	21.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91612	99.243	ug/l	100
59) 2-Hexanone	10.97	43	87241	110.485	ug/l	100
60) Dibromochloromethane	11.13	129	36919	20.803	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30202	20.541	ug/l	100
64) Tetrachloroethene	10.87	164	40662	21.901	ug/l	95
65) Chlorobenzene	11.66	112	124440	21.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	43328	21.340	ug/l	97
67) Ethyl Benzene	11.73	91	235109	22.128	ug/l	95
68) m/p-Xylenes	11.84	106	178980	44.843	ug/l	100
69) o-Xylene	12.17	106	81066	22.251	ug/l	99
70) Styrene	12.18	104	137824	21.986	ug/l	99
71) Bromoform	12.35	173	19346	20.875	ug/l #	96
73) Isopropylbenzene	12.47	105	229289	21.463	ug/l	100
74) N-amyl acetate	12.27	43	47848	20.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36659	20.652	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32137m	24.114	ug/l	
77) Bromobenzene	12.75	156	50416	21.047	ug/l	98
78) n-propylbenzene	12.80	91	282490	21.786	ug/l	100
79) 2-Chlorotoluene	12.90	91	159307	21.544	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	200330	22.002	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	10446	20.170	ug/l	97
82) 4-Chlorotoluene	12.99	91	169301	21.925	ug/l	99
83) tert-Butylbenzene	13.21	119	166636	22.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	200687	22.071	ug/l	99
85) sec-Butylbenzene	13.38	105	244639	22.410	ug/l	99
86) p-Isopropyltoluene	13.50	119	221710	22.241	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	103353	21.524	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102344	21.772	ug/l	98
89) n-Butylbenzene	13.83	91	217517	22.801	ug/l	99
90) Hexachloroethane	14.10	117	38124	21.100	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	89980	21.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5739	20.235	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56818	21.664	ug/l	97
94) Hexachlorobutadiene	15.24	225	35013	21.027	ug/l	96
95) Naphthalene	15.37	128	92801	20.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	48661	21.805	ug/l	99

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

