

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011141.D
 Acq On : 03 Jul 2019 15:51
 Operator : SY/VA
 Sample : VW0704SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 9:41:39 AM

Quant Time: Jul 04 04:10:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	219278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133420	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
35) Dibromofluoromethane	7.88	113	106780	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.32	98	449875	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.62	95	158399	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	38926	23.548	ug/l 94
3) Chloromethane	2.21	50	46730	21.088	ug/l 98
4) Vinyl Chloride	2.35	62	61069	21.166	ug/l 96
5) Bromomethane	2.72	94	28189	19.628	ug/l 91
6) Chloroethane	2.89	64	30647	20.147	ug/l 94
7) Trichlorofluoromethane	3.23	101	19465	22.957	ug/l 90
8) Diethyl Ether	3.67	74	26697	19.881	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	48759	20.447	ug/l 99
10) Methyl Iodide	4.26	142	63543	19.046	ug/l 99
11) Tert butyl alcohol	5.17	59	17083	82.054	ug/l 100
12) 1,1-Dichloroethene	4.03	96	49534	19.956	ug/l 97
13) Acrolein	3.89	56	12753	78.553	ug/l 95
14) Allyl chloride	4.65	41	91534	22.912	ug/l 99
15) Acrylonitrile	5.36	53	61981	93.732	ug/l 99
16) Acetone	4.12	43	64623	92.357	ug/l 99
17) Carbon Disulfide	4.37	76	135855	19.293	ug/l 99
18) Methyl Acetate	4.66	43	38309	21.136	ug/l 98
19) Methyl tert-butyl Ether	5.42	73	69017	19.645	ug/l 95
20) Methylene Chloride	4.90	84	55538	19.536	ug/l 99
21) trans-1,2-Dichloroethene	5.41	96	53075	20.751	ug/l 93
22) Diisopropyl ether	6.31	45	196463	20.436	ug/l 96
23) Vinyl Acetate	6.24	43	543587	91.767	ug/l 99
24) 1,1-Dichloroethane	6.20	63	103964	20.487	ug/l 99
25) 2-Butanone	7.16	43	91847	86.356	ug/l 98
26) 2,2-Dichloropropane	7.16	77	49313	18.717	ug/l 98
27) cis-1,2-Dichloroethene	7.16	96	56147	20.388	ug/l 98
28) Bromochloromethane	7.51	49	46008	19.476	ug/l 99
29) Tetrahydrofuran	7.52	42	59372	89.674	ug/l 99
30) Chloroform	7.67	83	95918	20.806	ug/l 97
31) Cyclohexane	7.95	56	111837	20.396	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	70289	20.403	ug/l 99
36) 1,1-Dichloropropene	8.08	75	81092	21.061	ug/l 99
37) Ethyl Acetate	7.24	43	40493	18.078	ug/l 99
38) Carbon Tetrachloride	8.06	117	64735	20.416	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	97880	20.657	ug/l	98
40) Benzene	8.32	78	220097	20.784	ug/l	100
41) Methacrylonitrile	7.48	41	25804	18.935	ug/l	96
42) 1,2-Dichloroethane	8.40	62	68951	19.858	ug/l	100
43) Isopropyl Acetate	8.42	43	77111	18.198	ug/l	98
44) Trichloroethene	9.09	130	52584	20.546	ug/l	95
45) 1,2-Dichloropropane	9.37	63	58573	20.368	ug/l	99
46) Dibromomethane	9.46	93	25859	19.227	ug/l	99
47) Bromodichloromethane	9.64	83	66364	19.930	ug/l	98
48) Methyl methacrylate	9.43	41	37825	18.411	ug/l	97
49) 1,4-Dioxane	9.45	88	7671	339.218	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	201456	90.321	ug/l	100
52) Toluene	10.38	92	135576	20.911	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65331	18.836	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	82362	19.906	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37277	19.618	ug/l	96
56) Ethyl methacrylate	10.65	69	52997	18.625	ug/l	99
57) 1,3-Dichloropropane	10.93	76	70862	19.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	135785	94.316	ug/l	99
59) 2-Hexanone	10.97	43	140510	90.334	ug/l	99
60) Dibromochloromethane	11.13	129	37950	19.046	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33919	19.068	ug/l	98
64) Tetrachloroethene	10.86	164	44016	20.638	ug/l	99
65) Chlorobenzene	11.66	112	132227	20.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	44537	20.678	ug/l	100
67) Ethyl Benzene	11.73	91	257979	21.232	ug/l	100
68) m/p-Xylenes	11.84	106	189221	42.918	ug/l	100
69) o-Xylene	12.16	106	87705	21.357	ug/l	99
70) Styrene	12.18	104	149382	20.933	ug/l	100
71) Bromoform	12.35	173	19830	18.885	ug/l #	98
73) Isopropylbenzene	12.46	105	244145	21.149	ug/l	99
74) N-amyl acetate	12.27	43	71669	18.486	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	43557	19.214	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30090m	18.496	ug/l	
77) Bromobenzene	12.75	156	51516	20.303	ug/l	99
78) n-propylbenzene	12.80	91	304558	21.305	ug/l	100
79) 2-Chlorotoluene	12.89	91	171547	21.005	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	208296	21.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12006	18.517	ug/l	96
82) 4-Chlorotoluene	12.99	91	177659	20.874	ug/l	99
83) tert-Butylbenzene	13.21	119	171700	21.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	207732	21.005	ug/l	99
85) sec-Butylbenzene	13.38	105	250872	21.166	ug/l	100
86) p-Isopropyltoluene	13.50	119	223459	20.950	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104393	20.799	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	102727	20.503	ug/l	99
89) n-Butylbenzene	13.82	91	228433	21.071	ug/l	100
90) Hexachloroethane	14.10	117	36331	19.908	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	92000	20.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6905	17.923	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	65665	20.703	ug/l	99
94) Hexachlorobutadiene	15.24	225	39714	20.644	ug/l	98
95) Naphthalene	15.37	128	113528	19.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	56379	19.907	ug/l	100

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

