

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013414.D
 Acq On : 03 Oct 2019 13:09
 Operator : SY/VA
 Sample : VW1003SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:07:13 PM

Quant Time: Oct 04 08:41:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	193695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125334	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	7.88	113	122893	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.32	98	516413	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
62) 4-Bromofluorobenzene	12.62	95	172200	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23273	19.699	ug/l	99
3) Chloromethane	2.21	50	41407	21.239	ug/l	97
4) Vinyl Chloride	2.36	62	60155	21.742	ug/l	99
5) Bromomethane	2.77	94	34728	20.430	ug/l	98
6) Chloroethane	2.92	64	31659	19.816	ug/l	97
7) Trichlorofluoromethane	3.25	101	27357	22.791	ug/l	93
8) Diethyl Ether	3.68	74	28268	20.346	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	56845	21.360	ug/l	98
10) Methyl Iodide	4.26	142	90023	20.946	ug/l	99
11) Tert butyl alcohol	5.20	59	21333m	98.461	ug/l	
12) 1,1-Dichloroethene	4.03	96	59277	21.082	ug/l	97
13) Acrolein	3.89	56	26516	120.704	ug/l	99
14) Allyl chloride	4.67	41	91064	21.893	ug/l	97
15) Acrylonitrile	5.36	53	71145	113.277	ug/l	98
16) Acetone	4.13	43	60727	86.868	ug/l	96
17) Carbon Disulfide	4.38	76	159519	20.336	ug/l	97
18) Methyl Acetate	4.67	43	36806	22.495	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	87791	21.214	ug/l	100
20) Methylene Chloride	4.91	84	68396	22.450	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	62046	20.721	ug/l	94
22) Diisopropyl ether	6.31	45	168559	20.984	ug/l	97
23) Vinyl Acetate	6.25	43	511958	106.215	ug/l	100
24) 1,1-Dichloroethane	6.21	63	103922	21.240	ug/l	99
25) 2-Butanone	7.17	43	91420	102.201	ug/l	96
26) 2,2-Dichloropropane	7.17	77	63081	21.332	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	64533	20.589	ug/l	99
28) Bromochloromethane	7.51	49	34093	19.273	ug/l	94
29) Tetrahydrofuran	7.53	42	58390	117.569	ug/l	99
30) Chloroform	7.67	83	100255	20.897	ug/l	99
31) Cyclohexane	7.95	56	107537	20.610	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	82480	21.945	ug/l	98
36) 1,1-Dichloropropene	8.08	75	88300	21.846	ug/l	98
37) Ethyl Acetate	7.25	43	40882	22.998	ug/l	98
38) Carbon Tetrachloride	8.06	117	75203	21.478	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110116	20.686	ug/l	98
40) Benzene	8.32	78	240422	21.012	ug/l	97
41) Methacrylonitrile	7.48	41	24583	22.855	ug/l	100
42) 1,2-Dichloroethane	8.40	62	63562	21.614	ug/l	98
43) Isopropyl Acetate	8.42	43	71589	21.322	ug/l	99
44) Trichloroethene	9.09	130	68468	21.250	ug/l	98
45) 1,2-Dichloropropane	9.37	63	56991	20.745	ug/l	94
46) Dibromomethane	9.46	93	29719	21.719	ug/l	98
47) Bromodichloromethane	9.64	83	69219	20.549	ug/l	94
48) Methyl methacrylate	9.43	41	33517	20.776	ug/l	97
49) 1,4-Dioxane	9.47	88	10866	504.602	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	192354	109.044	ug/l	100
52) Toluene	10.38	92	154019	20.870	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71508	20.409	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	87144	20.513	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43031	21.081	ug/l	93
56) Ethyl methacrylate	10.65	69	56810	20.677	ug/l	100
57) 1,3-Dichloropropane	10.93	76	75104	21.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	134063	118.784	ug/l	99
59) 2-Hexanone	10.97	43	128555	105.142	ug/l	97
60) Dibromochloromethane	11.13	129	48677	20.845	ug/l	100
61) 1,2-Dibromoethane	11.23	107	43418	22.012	ug/l	97
64) Tetrachloroethene	10.86	164	59153	20.974	ug/l	97
65) Chlorobenzene	11.66	112	159416	20.991	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	55206	21.343	ug/l	98
67) Ethyl Benzene	11.73	91	289872	21.296	ug/l	100
68) m/p-Xylenes	11.84	106	225771	42.973	ug/l	99
69) o-Xylene	12.16	106	102861	21.175	ug/l	96
70) Styrene	12.18	104	173458	20.889	ug/l	99
71) Bromoform	12.35	173	29059	20.721	ug/l #	98
73) Isopropylbenzene	12.46	105	290687	20.517	ug/l	98
74) N-amyl acetate	12.27	43	61195	20.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	52025	21.694	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32553m	18.910	ug/l	
77) Bromobenzene	12.74	156	68794	20.221	ug/l	98
78) n-propylbenzene	12.80	91	337581	20.713	ug/l	100
79) 2-Chlorotoluene	12.89	91	185676	20.512	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	241122	20.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15826	22.108	ug/l	98
82) 4-Chlorotoluene	12.99	91	193201	20.375	ug/l	98
83) tert-Butylbenzene	13.21	119	211269	20.551	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	238669	20.399	ug/l	99
85) sec-Butylbenzene	13.38	105	291776	20.586	ug/l	100
86) p-Isopropyltoluene	13.50	119	271351	20.658	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	131426	20.534	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	128669	20.078	ug/l	99
89) n-Butylbenzene	13.82	91	244978	20.686	ug/l	99
90) Hexachloroethane	14.09	117	44073	20.309	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	114932	20.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7576	21.121	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	79513	19.582	ug/l	98
94) Hexachlorobutadiene	15.24	225	53036	20.106	ug/l	97
95) Naphthalene	15.36	128	134480	19.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	68856	19.422	ug/l	100

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

