

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013415.D
 Acq On : 03 Oct 2019 13:35
 Operator : SY/VA
 Sample : VW1003SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:07:19 PM

Quant Time: Oct 04 08:44:15 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	305612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	127229	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	122931	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	10.32	98	521895	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.62	95	173482	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19864	16.805	ug/l	97
3) Chloromethane	2.21	50	40362	20.692	ug/l	93
4) Vinyl Chloride	2.35	62	59356	21.441	ug/l	100
5) Bromomethane	2.76	94	34068	20.031	ug/l	94
6) Chloroethane	2.92	64	30445	19.046	ug/l	99
7) Trichlorofluoromethane	3.25	101	27508	22.904	ug/l	98
8) Diethyl Ether	3.68	74	28139	20.242	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54480	20.460	ug/l	99
10) Methyl Iodide	4.26	142	85927	19.982	ug/l	99
11) Tert butyl alcohol	5.18	59	27461	135.970	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	56424	20.056	ug/l	96
13) Acrolein	3.89	56	26242	119.506	ug/l	98
14) Allyl chloride	4.66	41	86199	20.712	ug/l	99
15) Acrylonitrile	5.37	53	72524	115.409	ug/l	98
16) Acetone	4.12	43	65979	94.330	ug/l	99
17) Carbon Disulfide	4.38	76	155781	19.849	ug/l	99
18) Methyl Acetate	4.67	43	37801	23.090	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	88251	21.314	ug/l	97
20) Methylene Chloride	4.91	84	66117	21.627	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59956	20.012	ug/l	99
22) Diisopropyl ether	6.31	45	161869	20.140	ug/l	97
23) Vinyl Acetate	6.25	43	520190	107.864	ug/l	98
24) 1,1-Dichloroethane	6.21	63	98898	20.202	ug/l	97
25) 2-Butanone	7.16	43	98276	109.805	ug/l	96
26) 2,2-Dichloropropane	7.16	77	62203	20.999	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	62433	19.909	ug/l	98
28) Bromochloromethane	7.51	49	33247	18.784	ug/l #	100
29) Tetrahydrofuran	7.52	42	61291	122.867	ug/l	99
30) Chloroform	7.67	83	95054	19.802	ug/l	98
31) Cyclohexane	7.95	56	105871	20.279	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	79435	21.123	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85652	21.010	ug/l	99
37) Ethyl Acetate	7.25	43	40775	22.744	ug/l #	95
38) Carbon Tetrachloride	8.07	117	75173	21.287	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109129	20.326	ug/l	99
40) Benzene	8.32	78	235902	20.441	ug/l	98
41) Methacrylonitrile	7.48	41	24241	22.345	ug/l	94
42) 1,2-Dichloroethane	8.40	62	62727	21.148	ug/l	98
43) Isopropyl Acetate	8.42	43	74084	21.877	ug/l	99
44) Trichloroethene	9.09	130	67276	20.701	ug/l	99
45) 1,2-Dichloropropane	9.37	63	55546	20.047	ug/l	97
46) Dibromomethane	9.46	93	28889	20.932	ug/l	98
47) Bromodichloromethane	9.65	83	67743	19.939	ug/l	95
48) Methyl methacrylate	9.43	41	37706	23.174	ug/l	93
49) 1,4-Dioxane	9.46	88	10787	496.323	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	202157	113.624	ug/l	99
52) Toluene	10.39	92	150319	20.194	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70761	20.023	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	85497	19.954	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43145	20.956	ug/l	98
56) Ethyl methacrylate	10.65	69	57875	20.885	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75550	21.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	134961	118.559	ug/l	99
59) 2-Hexanone	10.97	43	137306	111.341	ug/l	100
60) Dibromochloromethane	11.13	129	47989	20.375	ug/l	99
61) 1,2-Dibromoethane	11.23	107	41859	21.040	ug/l	98
64) Tetrachloroethene	10.86	164	58482	20.776	ug/l	94
65) Chlorobenzene	11.66	112	154316	20.358	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	53000	20.529	ug/l	99
67) Ethyl Benzene	11.73	91	285847	21.041	ug/l	98
68) m/p-Xylenes	11.84	106	217245	41.428	ug/l	98
69) o-Xylene	12.16	106	100837	20.798	ug/l	96
70) Styrene	12.18	104	170759	20.603	ug/l	99
71) Bromoform	12.35	173	31135	22.243	ug/l #	99
73) Isopropylbenzene	12.46	105	280404	20.059	ug/l	100
74) N-amyl acetate	12.27	43	62814	21.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	51630	21.822	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	41043m	24.165	ug/l	
77) Bromobenzene	12.74	156	66407	19.784	ug/l	100
78) n-propylbenzene	12.80	91	325361	20.234	ug/l	100
79) 2-Chlorotoluene	12.89	91	182612	20.447	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	233271	20.089	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16372	22.977	ug/l	98
82) 4-Chlorotoluene	12.99	91	189832	20.291	ug/l	99
83) tert-Butylbenzene	13.21	119	209613	20.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	231896	20.089	ug/l	99
85) sec-Butylbenzene	13.38	105	287341	20.548	ug/l	100
86) p-Isopropyltoluene	13.49	119	266409	20.557	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	126333	20.006	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125727	19.885	ug/l	99
89) n-Butylbenzene	13.82	91	240882	20.616	ug/l	100
90) Hexachloroethane	14.09	117	44105	20.599	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	112408	20.136	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8206	23.188	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	75817	18.925	ug/l	97
94) Hexachlorobutadiene	15.24	225	52911	20.331	ug/l	98
95) Naphthalene	15.37	128	138864	20.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	67402	19.270	ug/l	99

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

