

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012538.D
 Acq On : 03 Sep 2019 10:45
 Operator : SY/VA
 Sample : VW0903SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/4/2019 9:35:04 AM

Quant Time: Sep 03 14:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121615	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.88	113	96568	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.32	98	383276	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.62	95	136016	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20751	17.154	ug/l	87
3) Chloromethane	2.21	50	32248	17.206	ug/l	97
4) Vinyl Chloride	2.35	62	38197	16.651	ug/l	98
5) Bromomethane	2.77	94	19358	16.663	ug/l	93
6) Chloroethane	2.91	64	21399	16.537	ug/l	99
7) Trichlorofluoromethane	3.26	101	23160	20.107	ug/l	92
8) Diethyl Ether	3.68	74	21367	19.543	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	37959	19.388	ug/l	96
10) Methyl Iodide	4.27	142	49217	18.579	ug/l	99
11) Tert butyl alcohol	5.20	59	16787	119.440	ug/l	98
12) 1,1-Dichloroethene	4.04	96	36509	18.527	ug/l	95
13) Acrolein	3.89	56	10596	80.090	ug/l	98
14) Allyl chloride	4.67	41	79675	18.912	ug/l	99
15) Acrylonitrile	5.36	53	60085	110.875	ug/l	100
16) Acetone	4.13	43	63423	106.237	ug/l	95
17) Carbon Disulfide	4.38	76	89782	15.075	ug/l	99
18) Methyl Acetate	4.67	43	34474	23.314	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70582	22.148	ug/l	98
20) Methylene Chloride	4.91	84	41566	18.417	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	39412	18.650	ug/l	93
22) Diisopropyl ether	6.31	45	156953	20.099	ug/l	96
23) Vinyl Acetate	6.25	43	487294	101.397	ug/l	98
24) 1,1-Dichloroethane	6.21	63	82970	19.514	ug/l	98
25) 2-Butanone	7.18	43	87526	107.890	ug/l	99
26) 2,2-Dichloropropane	7.16	77	51524	21.409	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	44592	19.750	ug/l	99
28) Bromochloromethane	7.51	49	38124	20.572	ug/l	95
29) Tetrahydrofuran	7.53	42	54260	111.482	ug/l	99
30) Chloroform	7.68	83	79452	20.425	ug/l	100
31) Cyclohexane	7.95	56	74539	17.719	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	64608	20.995	ug/l	98
36) 1,1-Dichloropropene	8.08	75	63060	20.214	ug/l	98
37) Ethyl Acetate	7.25	43	37723	22.067	ug/l	100
38) Carbon Tetrachloride	8.07	117	57155	21.168	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67262	19.193	ug/l	96
40) Benzene	8.32	78	171474	20.130	ug/l	98
41) Methacrylonitrile	7.48	41	22345	22.240	ug/l	96
42) 1,2-Dichloroethane	8.40	62	57573	21.565	ug/l	99
43) Isopropyl Acetate	8.42	43	70576	22.288	ug/l	99
44) Trichloroethene	9.09	130	43993	21.245	ug/l	91
45) 1,2-Dichloropropane	9.37	63	46012	20.071	ug/l	99
46) Dibromomethane	9.46	93	21828	21.400	ug/l	98
47) Bromodichloromethane	9.65	83	58229	21.450	ug/l	97
48) Methyl methacrylate	9.43	41	33082	21.951	ug/l	95
49) 1,4-Dioxane	9.46	88	7622	488.118	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	185849	115.393	ug/l	99
52) Toluene	10.39	92	105621	20.640	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	57661	20.852	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	68854	20.622	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32059	22.214	ug/l	98
56) Ethyl methacrylate	10.65	69	46695	22.231	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59639	21.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	119272	110.644	ug/l	99
59) 2-Hexanone	10.97	43	131139	115.076	ug/l	99
60) Dibromochloromethane	11.13	129	35387	22.014	ug/l	97
61) 1,2-Dibromoethane	11.23	107	29387	21.857	ug/l	100
64) Tetrachloroethene	10.86	164	36127	21.519	ug/l	99
65) Chlorobenzene	11.66	112	107247	21.033	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	38266	21.512	ug/l	98
67) Ethyl Benzene	11.73	91	205738	20.946	ug/l	99
68) m/p-Xylenes	11.84	106	150188	42.449	ug/l	99
69) o-Xylene	12.16	106	69315	21.167	ug/l	99
70) Styrene	12.18	104	120871	21.325	ug/l	99
71) Bromoform	12.35	173	20519	23.152	ug/l #	98
73) Isopropylbenzene	12.46	105	201933	21.387	ug/l	99
74) N-amyl acetate	12.27	43	63500	22.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	38222	22.082	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32139m	26.189	ug/l	
77) Bromobenzene	12.74	156	44331	21.703	ug/l	96
78) n-propylbenzene	12.80	91	240852	20.896	ug/l	99
79) 2-Chlorotoluene	12.89	91	137195	20.965	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	169931	21.539	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12285	21.949	ug/l	98
82) 4-Chlorotoluene	12.99	91	145959	21.301	ug/l	100
83) tert-Butylbenzene	13.21	119	148522	22.224	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	170583	21.524	ug/l	99
85) sec-Butylbenzene	13.38	105	208100	21.735	ug/l	99
86) p-Isopropyltoluene	13.50	119	186341	21.793	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	87462	21.891	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	86057	21.693	ug/l	99
89) n-Butylbenzene	13.82	91	182367	21.447	ug/l	99
90) Hexachloroethane	14.09	117	30829	20.550	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	78169	22.303	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6883	23.587	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	54392	22.457	ug/l	99
94) Hexachlorobutadiene	15.24	225	37426	23.401	ug/l	98
95) Naphthalene	15.36	128	98075	23.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	48490	22.946	ug/l	99

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

