

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011173.D
 Acq On : 09 Jul 2019 12:32
 Operator : SY/VA
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VW0709SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:47:37 AM

Quant Time: Jul 10 04:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148357	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	116785	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.32	98	482574	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.62	95	175718	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	35975	20.532	ug/l	96
3) Chloromethane	2.21	50	47475	21.028	ug/l	96
4) Vinyl Chloride	2.35	62	61733	20.891	ug/l	99
5) Bromomethane	2.76	94	30099	20.270	ug/l	98
6) Chloroethane	2.91	64	31984	20.095	ug/l	97
7) Trichlorofluoromethane	3.25	101	18884	17.988	ug/l	97
8) Diethyl Ether	3.67	74	29171	20.083	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51803	20.601	ug/l	98
10) Methyl Iodide	4.27	142	68815	19.898	ug/l	100
11) Tert butyl alcohol	5.17	59	20495	93.774	ug/l	99
12) 1,1-Dichloroethene	4.04	96	53224	20.393	ug/l	87
13) Acrolein	3.89	56	15210	87.396	ug/l	97
14) Allyl chloride	4.66	41	91716	19.271	ug/l	100
15) Acrylonitrile	5.37	53	70992	95.966	ug/l	99
16) Acetone	4.12	43	68412	96.316	ug/l	97
17) Carbon Disulfide	4.38	76	153320	19.377	ug/l	99
18) Methyl Acetate	4.67	43	46206	22.087	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79931	20.184	ug/l	98
20) Methylene Chloride	4.92	84	61388	21.908	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	54055	19.933	ug/l	99
22) Diisopropyl ether	6.31	45	209572	20.474	ug/l	99
23) Vinyl Acetate	6.25	43	615668	97.187	ug/l	100
24) 1,1-Dichloroethane	6.21	63	110334	20.527	ug/l	99
25) 2-Butanone	7.17	43	108468	97.284	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57015	20.406	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60252	20.596	ug/l	99
28) Bromochloromethane	7.51	49	44655	18.271	ug/l	100
29) Tetrahydrofuran	7.52	42	69641	95.256	ug/l	99
30) Chloroform	7.67	83	100320	20.153	ug/l	96
31) Cyclohexane	7.95	56	115984	20.283	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	76656	20.244	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84429	20.521	ug/l	100
37) Ethyl Acetate	7.25	43	48154	19.480	ug/l	99
38) Carbon Tetrachloride	8.07	117	70539	20.225	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101801	20.415	ug/l	99
40) Benzene	8.32	78	231385	20.350	ug/l	100
41) Methacrylonitrile	7.48	41	29205	20.657	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	74827	20.287	ug/l	99
43) Isopropyl Acetate	8.42	43	91010	19.501	ug/l	98
44) Trichloroethene	9.09	130	56219	20.547	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62860	20.416	ug/l	98
46) Dibromomethane	9.46	93	29135	20.144	ug/l	99
47) Bromodichloromethane	9.64	83	73507	19.863	ug/l	99
48) Methyl methacrylate	9.43	41	43650	19.441	ug/l	99
49) 1,4-Dioxane	9.44	88	9530	394.741	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	240821	98.781	ug/l	99
52) Toluene	10.39	92	143004	20.733	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77552	19.687	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	91186	19.666	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41732	20.338	ug/l	94
56) Ethyl methacrylate	10.65	69	60557	19.385	ug/l	100
57) 1,3-Dichloropropane	10.93	76	78031	20.110	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	157332	108.634	ug/l	99
59) 2-Hexanone	10.97	43	167164	98.872	ug/l	99
60) Dibromochloromethane	11.13	129	43133	19.170	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38137	19.622	ug/l	98
64) Tetrachloroethene	10.86	164	46340	20.075	ug/l	93
65) Chlorobenzene	11.66	112	141482	20.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	49495	20.211	ug/l	98
67) Ethyl Benzene	11.73	91	273387	20.533	ug/l	100
68) m/p-Xylenes	11.84	106	198923	41.290	ug/l	99
69) o-Xylene	12.16	106	92274	20.321	ug/l	99
70) Styrene	12.18	104	162047	20.678	ug/l	99
71) Bromoform	12.35	173	23977	18.415	ug/l #	98
73) Isopropylbenzene	12.46	105	258272	20.342	ug/l	100
74) N-amyl acetate	12.27	43	85601	19.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	50541	19.419	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35391m	18.031	ug/l	
77) Bromobenzene	12.75	156	57501	20.181	ug/l	98
78) n-propylbenzene	12.80	91	322207	20.601	ug/l	100
79) 2-Chlorotoluene	12.89	91	182890	20.321	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219747	20.373	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15221	17.540	ug/l	95
82) 4-Chlorotoluene	12.99	91	191072	20.382	ug/l	99
83) tert-Butylbenzene	13.21	119	184288	20.486	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	219500	20.266	ug/l	100
85) sec-Butylbenzene	13.38	105	265859	20.482	ug/l	100
86) p-Isopropyltoluene	13.50	119	241451	20.739	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113826	20.763	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	110492	20.015	ug/l	96
89) n-Butylbenzene	13.82	91	242231	20.857	ug/l	100
90) Hexachloroethane	14.10	117	41899	19.694	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	101214	20.351	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8715	18.878	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72390	21.132	ug/l	99
94) Hexachlorobutadiene	15.24	225	43444	20.657	ug/l	100
95) Naphthalene	15.37	128	131440	20.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	63407	20.973	ug/l	99

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

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