

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012863.D
 Acq On : 10 Sep 2019 12:05
 Operator : SY/VA
 Sample : VW0910SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:52 AM

Quant Time: Sep 10 15:13:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	235737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	119248	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	7.88	113	99847	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	10.32	98	417451	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	145695	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26724	20.911	ug/l	92
3) Chloromethane	2.21	50	33955	21.862	ug/l	93
4) Vinyl Chloride	2.35	62	40338	21.182	ug/l	98
5) Bromomethane	2.71	94	22092	21.364	ug/l	96
6) Chloroethane	2.84	64	22995	20.235	ug/l	95
7) Trichlorofluoromethane	3.20	101	26091	19.854	ug/l	91
8) Diethyl Ether	3.67	74	20325	18.402	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	39211	19.013	ug/l	95
10) Methyl Iodide	4.25	142	51131	19.695	ug/l	97
11) Tert butyl alcohol	5.12	59	37132m	184.254	ug/l	
12) 1,1-Dichloroethene	4.02	96	36879	18.944	ug/l	89
13) Acrolein	3.88	56	18102	84.646	ug/l	99
14) Allyl chloride	4.65	41	69161	17.174	ug/l	99
15) Acrylonitrile	5.35	53	51491	79.817	ug/l	99
16) Acetone	4.11	43	50713	70.624	ug/l	99
17) Carbon Disulfide	4.35	76	74720	18.082	ug/l	99
18) Methyl Acetate	4.65	43	26927	15.983	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	73840	19.125	ug/l	100
20) Methylene Chloride	4.90	84	42917	19.104	ug/l	95
21) trans-1,2-Dichloroethene	5.40	96	39012	19.640	ug/l	96
22) Diisopropyl ether	6.30	45	146248	18.310	ug/l	96
23) Vinyl Acetate	6.24	43	430123	84.972	ug/l	99
24) 1,1-Dichloroethane	6.20	63	80247	18.659	ug/l	98
25) 2-Butanone	7.16	43	72325	82.701	ug/l	98
26) 2,2-Dichloropropane	7.16	77	51042	18.791	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	45576	19.788	ug/l	96
28) Bromochloromethane	7.50	49	31071	15.734	ug/l	88
29) Tetrahydrofuran	7.52	42	45093	77.764	ug/l	95
30) Chloroform	7.66	83	80124	18.798	ug/l	96
31) Cyclohexane	7.95	56	73915	19.091	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	64778	18.749	ug/l	98
36) 1,1-Dichloropropene	8.07	75	60568	19.656	ug/l	96
37) Ethyl Acetate	7.25	43	31195	15.881	ug/l	97
38) Carbon Tetrachloride	8.06	117	57665	18.984	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	70559	20.388	ug/l	98
40) Benzene	8.32	78	168718	19.734	ug/l	99
41) Methacrylonitrile	7.48	41	18717	16.780	ug/l	91
42) 1,2-Dichloroethane	8.39	62	54846	18.228	ug/l	99
43) Isopropyl Acetate	8.42	43	59743	16.053	ug/l	96
44) Trichloroethene	9.09	130	45055	20.444	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44711	18.856	ug/l	97
46) Dibromomethane	9.46	93	21078	18.772	ug/l	96
47) Bromodichloromethane	9.64	83	54534	17.653	ug/l	96
48) Methyl methacrylate	9.43	41	28390	15.963	ug/l	98
49) 1,4-Dioxane	9.45	88	5979	269.571	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	158027	80.924	ug/l	99
52) Toluene	10.38	92	106740	20.004	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	57208	18.009	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	66087	18.339	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	32025	19.051	ug/l	100
56) Ethyl methacrylate	10.64	69	44254	17.984	ug/l	94
57) 1,3-Dichloropropane	10.93	76	56475	18.160	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	116862	89.457	ug/l	97
59) 2-Hexanone	10.96	43	108871	76.311	ug/l	98
60) Dibromochloromethane	11.13	129	35739	18.077	ug/l	100
61) 1,2-Dibromoethane	11.23	107	29568	19.185	ug/l	98
64) Tetrachloroethene	10.86	164	37674	20.481	ug/l	98
65) Chlorobenzene	11.65	112	114182	19.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	40681	19.066	ug/l	98
67) Ethyl Benzene	11.73	91	216474	20.137	ug/l	98
68) m/p-Xylenes	11.83	106	159205	41.029	ug/l	96
69) o-Xylene	12.16	106	75237	20.552	ug/l	94
70) Styrene	12.18	104	129919	20.084	ug/l	98
71) Bromoform	12.35	173	20757	17.509	ug/l	# 98
73) Isopropylbenzene	12.46	105	213953	19.878	ug/l	100
74) N-amyl acetate	12.27	43	55461	16.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	35753	16.540	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	24582m	16.020	ug/l	
77) Bromobenzene	12.74	156	48531	19.902	ug/l	94
78) n-propylbenzene	12.80	91	255814	19.872	ug/l	100
79) 2-Chlorotoluene	12.89	91	145441	19.681	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	181012	19.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11648	16.055	ug/l	97
82) 4-Chlorotoluene	12.99	91	152014	19.447	ug/l	97
83) tert-Butylbenzene	13.21	119	162280	20.236	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	184836	20.226	ug/l	100
85) sec-Butylbenzene	13.38	105	219609	19.735	ug/l	98
86) p-Isopropyltoluene	13.49	119	203969	20.067	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96183	20.067	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	94554	19.825	ug/l	98
89) n-Butylbenzene	13.82	91	195744	19.836	ug/l	99
90) Hexachloroethane	14.09	117	32677	18.415	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	83490	19.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6168	15.592	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62779	20.902	ug/l	98
94) Hexachlorobutadiene	15.23	225	43060	20.713	ug/l	97
95) Naphthalene	15.36	128	101709	19.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	54938	20.722	ug/l	98

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

