

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012763.D
 Acq On : 08 Sep 2019 12:35
 Operator : SY/VA
 Sample : VW0908SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 11:25:19 AM

Quant Time: Sep 09 07:11:50 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	7.95	168	238125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	159209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	128349	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	7.88	113	96434	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
50) Toluene-d8	10.32	98	382908	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.62	95	140572	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29777	23.066	ug/l	95
3) Chloromethane	2.21	50	34160	21.774	ug/l	97
4) Vinyl Chloride	2.35	62	39799	20.690	ug/l	99
5) Bromomethane	2.78	94	21992	21.054	ug/l	96
6) Chloroethane	2.90	64	22900	19.949	ug/l	98
7) Trichlorofluoromethane	3.24	101	26604	20.041	ug/l	96
8) Diethyl Ether	3.68	74	23650	21.198	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43522	20.892	ug/l	98
10) Methyl Iodide	4.26	142	55006	20.975	ug/l	98
11) Tert butyl alcohol	5.24	59	17862m	87.745	ug/l	
12) 1,1-Dichloroethene	4.03	96	41436	21.071	ug/l	90
13) Acrolein	3.90	56	17901	82.866	ug/l	98
14) Allyl chloride	4.66	41	83098	20.427	ug/l	99
15) Acrylonitrile	5.37	53	60678	93.115	ug/l	99
16) Acetone	4.14	43	63066	86.946	ug/l	100
17) Carbon Disulfide	4.38	76	86219	20.655	ug/l	100
18) Methyl Acetate	4.67	43	30563	17.959	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	79977	20.507	ug/l	95
20) Methylene Chloride	4.91	84	45105	19.877	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44038	21.947	ug/l	93
22) Diisopropyl ether	6.31	45	174570	21.637	ug/l	94
23) Vinyl Acetate	6.25	43	522064	102.101	ug/l	100
24) 1,1-Dichloroethane	6.21	63	93206	21.455	ug/l	100
25) 2-Butanone	7.17	43	89699	97.056	ug/l	98
26) 2,2-Dichloropropane	7.16	77	57874	21.092	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	50853	21.858	ug/l	100
28) Bromochloromethane	7.51	49	38727	19.414	ug/l #	99
29) Tetrahydrofuran	7.53	42	52724	90.012	ug/l	98
30) Chloroform	7.67	83	91480	21.248	ug/l	97
31) Cyclohexane	7.95	56	83076	21.242	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	74788	21.430	ug/l	99
36) 1,1-Dichloropropene	8.08	75	70364	22.184	ug/l	100
37) Ethyl Acetate	7.25	43	36824	18.212	ug/l	96
38) Carbon Tetrachloride	8.06	117	67556	21.607	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	76664	21.520	ug/l	96
40) Benzene	8.32	78	192309	21.853	ug/l	99
41) Methacrylonitrile	7.48	41	21975	18.599	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	65399	21.116	ug/l	100
43) Isopropyl Acetate	8.42	43	73161	19.099	ug/l	98
44) Trichloroethene	9.09	130	48845	21.532	ug/l	89
45) 1,2-Dichloropropane	9.37	63	50300	20.608	ug/l	100
46) Dibromomethane	9.46	93	23657	20.468	ug/l	99
47) Bromodichloromethane	9.64	83	64537	20.295	ug/l	99
48) Methyl methacrylate	9.43	41	33726	18.423	ug/l	100
49) 1,4-Dioxane	9.49	88	8293	363.243	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	179486	89.293	ug/l	99
52) Toluene	10.38	92	114827	20.906	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65700	20.093	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	73233	19.743	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35848	20.717	ug/l	98
56) Ethyl methacrylate	10.65	69	49146	19.403	ug/l	99
57) 1,3-Dichloropropane	10.93	76	64898	20.273	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	122072	90.781	ug/l	99
59) 2-Hexanone	10.97	43	133457	90.878	ug/l	100
60) Dibromochloromethane	11.13	129	41077	20.185	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32401	20.424	ug/l	100
64) Tetrachloroethene	10.86	164	40735	21.767	ug/l	96
65) Chlorobenzene	11.66	112	125143	21.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45321	20.877	ug/l	99
67) Ethyl Benzene	11.73	91	235868	21.566	ug/l	98
68) m/p-Xylenes	11.84	106	171505	43.443	ug/l	100
69) o-Xylene	12.16	106	79719	21.404	ug/l	99
70) Styrene	12.18	104	141002	21.425	ug/l	100
71) Bromoform	12.35	173	23501	19.485	ug/l #	100
73) Isopropylbenzene	12.46	105	230901	20.221	ug/l	100
74) N-amyl acetate	12.27	43	65929	18.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42593	18.573	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	35094m	21.557	ug/l	
77) Bromobenzene	12.74	156	52414	20.260	ug/l	98
78) n-propylbenzene	12.80	91	279924	20.497	ug/l	100
79) 2-Chlorotoluene	12.89	91	160008	20.409	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	197977	20.575	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12486	16.222	ug/l	92
82) 4-Chlorotoluene	12.99	91	169014	20.380	ug/l	100
83) tert-Butylbenzene	13.21	119	171413	20.148	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	198111	20.433	ug/l	97
85) sec-Butylbenzene	13.38	105	238717	20.220	ug/l	99
86) p-Isopropyltoluene	13.50	119	222677	20.649	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102612	20.179	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103038	20.364	ug/l	99
89) n-Butylbenzene	13.82	91	214086	20.449	ug/l	99
90) Hexachloroethane	14.09	117	37601	19.974	ug/l	100
91) 1,2-Dichlorobenzene	13.86	146	92170	20.138	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7137	17.006	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	63657	19.977	ug/l	95
94) Hexachlorobutadiene	15.24	225	43779	19.849	ug/l	98
95) Naphthalene	15.36	128	107014	19.038	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	56153	19.964	ug/l	99

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

