

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012815.D
 Acq On : 09 Sep 2019 12:31
 Operator : SY/VA
 Sample : VW0909SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:40 AM

Quant Time: Sep 09 14:04:38 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	268068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	169715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133676	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	7.88	113	111486	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.32	98	464591	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	160741	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26067	17.937	ug/l	91
3) Chloromethane	2.21	50	36410	20.615	ug/l	95
4) Vinyl Chloride	2.35	62	45262	20.901	ug/l	94
5) Bromomethane	2.76	94	25156	21.393	ug/l	100
6) Chloroethane	2.89	64	24438	18.911	ug/l	89
7) Trichlorofluoromethane	3.23	101	27854	18.639	ug/l	96
8) Diethyl Ether	3.67	74	22339	17.786	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	44276	18.880	ug/l	97
10) Methyl Iodide	4.26	142	56849	19.257	ug/l	98
11) Tert butyl alcohol	5.21	59	15752m	68.736	ug/l	
12) 1,1-Dichloroethene	4.02	96	41501	18.747	ug/l	98
13) Acrolein	3.89	56	16901	69.498	ug/l	100
14) Allyl chloride	4.65	41	82663	18.051	ug/l	98
15) Acrylonitrile	5.37	53	57766	78.745	ug/l	98
16) Acetone	4.13	43	56008	68.591	ug/l	96
17) Carbon Disulfide	4.37	76	86205	18.345	ug/l	99
18) Methyl Acetate	4.67	43	29666	15.485	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	77400	17.629	ug/l	96
20) Methylene Chloride	4.91	84	49407	19.340	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	45207	20.014	ug/l	99
22) Diisopropyl ether	6.31	45	168288	18.528	ug/l	94
23) Vinyl Acetate	6.24	43	493262	85.693	ug/l	99
24) 1,1-Dichloroethane	6.20	63	93414	19.101	ug/l	97
25) 2-Butanone	7.18	43	77610	79.150	ug/l	100
26) 2,2-Dichloropropane	7.16	77	57063	18.474	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	51512	19.668	ug/l	96
28) Bromochloromethane	7.51	49	38885	17.316	ug/l	93
29) Tetrahydrofuran	7.53	42	49463	75.012	ug/l	98
30) Chloroform	7.67	83	92064	18.995	ug/l	97
31) Cyclohexane	7.95	56	83666	19.003	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	75300	19.166	ug/l	98
36) 1,1-Dichloropropene	8.07	75	70561	20.043	ug/l	98
37) Ethyl Acetate	7.26	43	36490	16.259	ug/l	99
38) Carbon Tetrachloride	8.06	117	67135	19.345	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	79187	20.027	ug/l	97
40) Benzene	8.32	78	194253	19.887	ug/l	98
41) Methacrylonitrile	7.48	41	22020	17.165	ug/l	95
42) 1,2-Dichloroethane	8.40	62	62319	18.128	ug/l	97
43) Isopropyl Acetate	8.42	43	67603	15.900	ug/l	97
44) Trichloroethene	9.09	130	51830	20.585	ug/l	91
45) 1,2-Dichloropropane	9.37	63	50602	18.678	ug/l	96
46) Dibromomethane	9.45	93	24260	18.911	ug/l	99
47) Bromodichloromethane	9.64	83	64400	18.246	ug/l	94
48) Methyl methacrylate	9.43	41	31936	15.717	ug/l	95
49) 1,4-Dioxane	9.48	88	6916	272.924	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	174262	78.107	ug/l	100
52) Toluene	10.38	92	121685	19.960	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65452	18.035	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	77115	18.730	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	35601	18.536	ug/l	98
56) Ethyl methacrylate	10.65	69	49130	17.475	ug/l	96
57) 1,3-Dichloropropane	10.93	76	64014	18.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	133646	89.544	ug/l	99
59) 2-Hexanone	10.97	43	121485	74.531	ug/l	100
60) Dibromochloromethane	11.13	129	40741	18.037	ug/l	100
61) 1,2-Dibromoethane	11.23	107	32967	18.723	ug/l	99
64) Tetrachloroethene	10.86	164	42338	20.268	ug/l	98
65) Chlorobenzene	11.66	112	126708	19.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	46820	19.323	ug/l	98
67) Ethyl Benzene	11.73	91	242321	19.850	ug/l	100
68) m/p-Xylenes	11.83	106	177837	40.358	ug/l	99
69) o-Xylene	12.16	106	83020	19.970	ug/l	98
70) Styrene	12.18	104	147264	20.047	ug/l	98
71) Bromoform	12.35	173	23839	17.708	ug/l #	98
73) Isopropylbenzene	12.46	105	242733	19.941	ug/l	100
74) N-amyl acetate	12.27	43	60479	15.653	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	40473	16.556	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	33716m	19.428	ug/l	
77) Bromobenzene	12.74	156	53001	19.219	ug/l	94
78) n-propylbenzene	12.80	91	283153	19.450	ug/l	99
79) 2-Chlorotoluene	12.89	91	163010	19.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	204654	19.953	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12437	15.158	ug/l	95
82) 4-Chlorotoluene	12.99	91	171208	19.367	ug/l	99
83) tert-Butylbenzene	13.21	119	181246	19.985	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	203674	19.707	ug/l	100
85) sec-Butylbenzene	13.38	105	250351	19.893	ug/l	99
86) p-Isopropyltoluene	13.50	119	226326	19.689	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105271	19.421	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	104968	19.461	ug/l	99
89) n-Butylbenzene	13.82	91	219558	19.674	ug/l	99
90) Hexachloroethane	14.09	117	37993	18.932	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	93853	19.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6575	14.697	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	69542	20.473	ug/l	97
94) Hexachlorobutadiene	15.23	225	47416	20.167	ug/l	98
95) Naphthalene	15.36	128	114835	19.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59241	19.758	ug/l	99

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

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