

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012789.D
 Acq On : 09 Sep 2019 00:22
 Operator : SY/VA
 Sample : VW0908SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 11:24:48 AM

Quant Time: Sep 09 07:33:56 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	179984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	265065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	114917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	103248	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.88	113	77504	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.32	98	302106	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.62	95	106379	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22767	23.333	ug/l	93
3) Chloromethane	2.21	50	26546	22.386	ug/l	94
4) Vinyl Chloride	2.35	62	33068	22.744	ug/l	98
5) Bromomethane	2.78	94	18922	23.966	ug/l	87
6) Chloroethane	2.92	64	19112	22.028	ug/l	97
7) Trichlorofluoromethane	3.25	101	20198	20.131	ug/l	99
8) Diethyl Ether	3.67	74	17312	20.529	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	33738	21.427	ug/l	95
10) Methyl Iodide	4.26	142	41943	21.160	ug/l	99
11) Tert butyl alcohol	5.21	59	16502	107.250	ug/l	97
12) 1,1-Dichloroethene	4.03	96	30388	20.445	ug/l	93
13) Acrolein	3.90	56	13074	80.072	ug/l	98
14) Allyl chloride	4.67	41	56288	18.307	ug/l	94
15) Acrylonitrile	5.37	53	50832	103.204	ug/l	99
16) Acetone	4.13	43	47979	87.514	ug/l	97
17) Carbon Disulfide	4.38	76	64836	20.550	ug/l	100
18) Methyl Acetate	4.67	43	28275	21.982	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	63030	21.382	ug/l	92
20) Methylene Chloride	4.92	84	35488	20.690	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	31569	20.816	ug/l	91
22) Diisopropyl ether	6.31	45	121892	19.988	ug/l	95
23) Vinyl Acetate	6.25	43	378672	97.981	ug/l	99
24) 1,1-Dichloroethane	6.21	63	67603	20.588	ug/l	99
25) 2-Butanone	7.17	43	69218	98.677	ug/l	96
26) 2,2-Dichloropropane	7.16	77	39493	19.043	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	37498	21.324	ug/l	95
28) Bromochloromethane	7.51	49	27267	18.085	ug/l	91
29) Tetrahydrofuran	7.54	42	46508	105.049	ug/l	98
30) Chloroform	7.67	83	68440	21.031	ug/l	95
31) Cyclohexane	7.95	56	60483	20.461	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	57260	21.707	ug/l	98
36) 1,1-Dichloropropene	8.08	75	50753	21.550	ug/l	98
37) Ethyl Acetate	7.25	43	31305	20.851	ug/l	99
38) Carbon Tetrachloride	8.07	117	51572	22.214	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58031	21.938	ug/l	94
40) Benzene	8.32	78	140136	21.446	ug/l	97
41) Methacrylonitrile	7.48	41	19916	21.855	ug/l	96
42) 1,2-Dichloroethane	8.40	62	51101	22.221	ug/l	100
43) Isopropyl Acetate	8.42	43	58645	20.618	ug/l	97
44) Trichloroethene	9.09	130	37074	22.010	ug/l	86
45) 1,2-Dichloropropane	9.37	63	35926	19.823	ug/l	98
46) Dibromomethane	9.46	93	19089	22.243	ug/l	97
47) Bromodichloromethane	9.64	83	49543	20.983	ug/l	100
48) Methyl methacrylate	9.43	41	27850	20.488	ug/l	97
49) 1,4-Dioxane	9.47	88	7695	453.921	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	157966	105.836	ug/l	99
52) Toluene	10.38	92	86624	21.240	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	47743	19.664	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	54912	19.937	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	27936	21.743	ug/l	94
56) Ethyl methacrylate	10.65	69	39566	21.037	ug/l	96
57) 1,3-Dichloropropane	10.93	76	50559	21.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	104397	104.557	ug/l	96
59) 2-Hexanone	10.97	43	107520	98.603	ug/l	99
60) Dibromochloromethane	11.13	129	31588	20.904	ug/l	100
61) 1,2-Dibromoethane	11.23	107	26360	22.378	ug/l	97
64) Tetrachloroethene	10.86	164	34756	24.512	ug/l	96
65) Chlorobenzene	11.65	112	91315	20.675	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	35927	21.843	ug/l	98
67) Ethyl Benzene	11.73	91	172515	20.818	ug/l	99
68) m/p-Xylenes	11.83	106	125458	41.943	ug/l	99
69) o-Xylene	12.16	106	58865	20.860	ug/l	97
70) Styrene	12.18	104	102743	20.604	ug/l	99
71) Bromoform	12.35	173	20057	21.948	ug/l #	98
73) Isopropylbenzene	12.46	105	171130	20.763	ug/l	100
74) N-amyl acetate	12.27	43	51532	19.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	34743	20.989	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23596m	20.080	ug/l	
77) Bromobenzene	12.74	156	39096	20.937	ug/l	99
78) n-propylbenzene	12.80	91	200149	20.304	ug/l	100
79) 2-Chlorotoluene	12.89	91	114857	20.296	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	143547	20.669	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10212	18.381	ug/l	97
82) 4-Chlorotoluene	12.99	91	121474	20.293	ug/l	99
83) tert-Butylbenzene	13.21	119	129061	21.016	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	141546	20.226	ug/l	100
85) sec-Butylbenzene	13.38	105	175066	20.544	ug/l	98
86) p-Isopropyltoluene	13.50	119	158388	20.349	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	73296	19.970	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	74269	20.335	ug/l	98
89) n-Butylbenzene	13.82	91	144106	19.070	ug/l	98
90) Hexachloroethane	14.09	117	28036	20.633	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	69146	20.931	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6423	21.204	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	45480	19.774	ug/l	99
94) Hexachlorobutadiene	15.24	225	33151	20.824	ug/l	97
95) Naphthalene	15.36	128	87093	20.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	41063	20.226	ug/l	97

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

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