

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013938.D
 Acq On : 08 Nov 2019 12:31
 Operator : SY/VA
 Sample : VW1108SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 12:58:26 PM

Quant Time: Nov 09 03:32:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	110145	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	7.88	113	109641	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.32	98	457968	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.62	95	150987	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34178	23.453	ug/l	98
3) Chloromethane	2.21	50	37486	23.935	ug/l	96
4) Vinyl Chloride	2.36	62	56574	23.919	ug/l	97
5) Bromomethane	2.77	94	35122	22.579	ug/l	98
6) Chloroethane	2.92	64	31819	22.233	ug/l	96
7) Trichlorofluoromethane	3.26	101	32309	21.870	ug/l	98
8) Diethyl Ether	3.68	74	24235	20.305	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51181	21.311	ug/l	99
10) Methyl Iodide	4.27	142	78719	20.114	ug/l #	93
11) Tert butyl alcohol	5.15	59	18897	152.546	ug/l	95
12) 1,1-Dichloroethene	4.04	96	53312	21.490	ug/l	95
13) Acrolein	3.89	56	12725	89.662	ug/l	100
14) Allyl chloride	4.66	41	79912	20.949	ug/l	99
15) Acrylonitrile	5.36	53	56805	117.044	ug/l	99
16) Acetone	4.12	43	50837	115.544	ug/l	89
17) Carbon Disulfide	4.38	76	155631	21.844	ug/l	99
18) Methyl Acetate	4.67	43	30873	25.598	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	64169	21.555	ug/l	98
20) Methylene Chloride	4.91	84	55057	19.884	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	58398	21.871	ug/l	100
22) Diisopropyl ether	6.31	45	143228	20.584	ug/l	99
23) Vinyl Acetate	6.25	43	420502	104.149	ug/l	99
24) 1,1-Dichloroethane	6.21	63	91682	20.804	ug/l	98
25) 2-Butanone	7.16	43	73017	115.432	ug/l	92
26) 2,2-Dichloropropane	7.16	77	56367	22.119	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	57624	20.318	ug/l	94
28) Bromochloromethane	7.51	49	24445	16.492	ug/l #	98
29) Tetrahydrofuran	7.52	42	45754	116.833	ug/l	99
30) Chloroform	7.67	83	89852	20.625	ug/l	99
31) Cyclohexane	7.95	56	94855	20.568	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	74951	21.924	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77701	21.421	ug/l	99
37) Ethyl Acetate	7.25	43	30207	21.754	ug/l	98
38) Carbon Tetrachloride	8.07	117	71809	21.984	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97814	20.881	ug/l	98
40) Benzene	8.32	78	215517	20.994	ug/l	99
41) Methacrylonitrile	7.48	41	17426	20.125	ug/l	95
42) 1,2-Dichloroethane	8.40	62	55554	21.475	ug/l	98
43) Isopropyl Acetate	8.42	43	57218	21.527	ug/l	99
44) Trichloroethene	9.09	130	62539	21.268	ug/l	99
45) 1,2-Dichloropropane	9.37	63	49151	20.045	ug/l	94
46) Dibromomethane	9.46	93	25577	21.492	ug/l	99
47) Bromodichloromethane	9.64	83	63577	20.647	ug/l	96
48) Methyl methacrylate	9.44	41	28530	21.646	ug/l	99
49) 1,4-Dioxane	9.45	88	10574	601.274	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	148401	112.361	ug/l	99
52) Toluene	10.38	92	138816	20.964	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	64879	20.813	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	77962	20.271	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37560	21.177	ug/l	97
56) Ethyl methacrylate	10.65	69	47320	21.324	ug/l	99
57) 1,3-Dichloropropane	10.93	76	65356	21.473	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	102190	100.060	ug/l	99
59) 2-Hexanone	10.96	43	102039	112.066	ug/l	100
60) Dibromochloromethane	11.13	129	43232	20.529	ug/l	98
61) 1,2-Dibromoethane	11.23	107	36316	21.643	ug/l	100
64) Tetrachloroethene	10.86	164	54548	21.442	ug/l	93
65) Chlorobenzene	11.66	112	141658	20.704	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50111	20.986	ug/l	99
67) Ethyl Benzene	11.73	91	256317	20.776	ug/l	100
68) m/p-Xylenes	11.83	106	201077	42.185	ug/l	97
69) o-Xylene	12.16	106	91085	20.789	ug/l	97
70) Styrene	12.18	104	155917	20.712	ug/l	98
71) Bromoform	12.35	173	27422	21.883	ug/l	95
73) Isopropylbenzene	12.46	105	255964	20.910	ug/l	99
74) N-amyl acetate	12.27	43	50354	21.264	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41604	21.537	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27084m	22.125	ug/l	
77) Bromobenzene	12.74	156	61436	21.009	ug/l	100
78) n-propylbenzene	12.80	91	300406	21.202	ug/l	100
79) 2-Chlorotoluene	12.89	91	167678	21.059	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	216567	20.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13615	21.019	ug/l	95
82) 4-Chlorotoluene	12.99	91	178029	21.297	ug/l	99
83) tert-Butylbenzene	13.21	119	191305	20.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	213927	20.986	ug/l	98
85) sec-Butylbenzene	13.38	105	265296	21.150	ug/l	99
86) p-Isopropyltoluene	13.50	119	247568	21.188	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	118968	20.997	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	118609	21.072	ug/l	99
89) n-Butylbenzene	13.82	91	222012	21.051	ug/l	99
90) Hexachloroethane	14.09	117	41691	20.528	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	103510	21.070	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6760	23.142	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70008	19.581	ug/l	97
94) Hexachlorobutadiene	15.24	225	50302	20.841	ug/l	99
95) Naphthalene	15.36	128	109487	19.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	60396	19.604	ug/l	98

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

