

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013939.D
 Acq On : 08 Nov 2019 12:57
 Operator : SY/VA
 Sample : VW1108SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 12:58:30 PM

Quant Time: Nov 09 03:33:01 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	291142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116567	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	7.88	113	117115	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.32	98	484306	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.62	95	163579	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	35156	22.921	ug/l	98
3) Chloromethane	2.21	50	37882	22.981	ug/l	100
4) Vinyl Chloride	2.36	62	57381	23.050	ug/l	99
5) Bromomethane	2.78	94	36221	22.123	ug/l	100
6) Chloroethane	2.92	64	32703	21.710	ug/l	94
7) Trichlorofluoromethane	3.26	101	31760	20.425	ug/l	92
8) Diethyl Ether	3.68	74	26837	21.363	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54382	21.514	ug/l	98
10) Methyl Iodide	4.28	142	84544	20.525	ug/l	99
11) Tert butyl alcohol	5.16	59	20735	159.032	ug/l	96
12) 1,1-Dichloroethene	4.04	96	55305	21.181	ug/l	97
13) Acrolein	3.89	56	13551	90.718	ug/l	96
14) Allyl chloride	4.67	41	83070	20.690	ug/l	99
15) Acrylonitrile	5.37	53	61790	120.963	ug/l	99
16) Acetone	4.12	43	55757	120.403	ug/l	100
17) Carbon Disulfide	4.38	76	161159	21.491	ug/l	98
18) Methyl Acetate	4.67	43	35583	28.031	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	70936	22.639	ug/l	100
20) Methylene Chloride	4.92	84	58094	19.947	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	57720	20.539	ug/l	96
22) Diisopropyl ether	6.31	45	151296	20.658	ug/l	98
23) Vinyl Acetate	6.26	43	455081	107.089	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96055	20.709	ug/l	98
25) 2-Butanone	7.17	43	82300	123.616	ug/l	95
26) 2,2-Dichloropropane	7.17	77	57621	21.483	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	60191	20.165	ug/l	96
28) Bromochloromethane	7.51	49	26236	16.791	ug/l #	7
29) Tetrahydrofuran	7.53	42	52613	127.645	ug/l	99
30) Chloroform	7.68	83	94528	20.616	ug/l	95
31) Cyclohexane	7.95	56	100008	20.603	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78857	21.916	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81526	21.475	ug/l	98
37) Ethyl Acetate	7.25	43	34645	23.840	ug/l	97
38) Carbon Tetrachloride	8.07	117	74285	21.729	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102538	20.915	ug/l	98
40) Benzene	8.32	78	226151	21.049	ug/l	99
41) Methacrylonitrile	7.48	41	21643	23.882	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59065	21.816	ug/l	99
43) Isopropyl Acetate	8.42	43	65258	23.459	ug/l	98
44) Trichloroethene	9.09	130	65259	21.205	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53069	20.680	ug/l	96
46) Dibromomethane	9.46	93	27590	22.151	ug/l	99
47) Bromodichloromethane	9.65	83	66515	20.639	ug/l	99
48) Methyl methacrylate	9.43	41	29134	21.120	ug/l	89
49) 1,4-Dioxane	9.45	88	10646	578.420	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	174328	126.115	ug/l	99
52) Toluene	10.38	92	144301	20.822	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	69367	21.262	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	83157	20.659	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40072	21.587	ug/l	96
56) Ethyl methacrylate	10.65	69	52524	22.616	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70407	22.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	114581	107.199	ug/l	99
59) 2-Hexanone	10.97	43	119756	125.670	ug/l	100
60) Dibromochloromethane	11.13	129	47333	21.476	ug/l	97
61) 1,2-Dibromoethane	11.23	107	39350	22.407	ug/l	99
64) Tetrachloroethene	10.87	164	56604	21.045	ug/l	95
65) Chlorobenzene	11.66	112	150451	20.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52598	20.834	ug/l	98
67) Ethyl Benzene	11.73	91	268658	20.596	ug/l	99
68) m/p-Xylenes	11.83	106	212265	42.119	ug/l	97
69) o-Xylene	12.16	106	95742	20.668	ug/l	98
70) Styrene	12.18	104	164341	20.649	ug/l	100
71) Bromoform	12.35	173	29704	22.420	ug/l #	97
73) Isopropylbenzene	12.46	105	266800	20.090	ug/l	100
74) N-amyl acetate	12.27	43	58056	22.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47400	22.618	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	30630m	23.064	ug/l	
77) Bromobenzene	12.74	156	64240	20.249	ug/l	98
78) n-propylbenzene	12.80	91	315306	20.513	ug/l	99
79) 2-Chlorotoluene	12.89	91	173012	20.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	228121	20.349	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	16333	23.243	ug/l	99
82) 4-Chlorotoluene	12.99	91	183739	20.261	ug/l	98
83) tert-Butylbenzene	13.21	119	199212	20.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	225972	20.434	ug/l	99
85) sec-Butylbenzene	13.38	105	277074	20.362	ug/l	99
86) p-Isopropyltoluene	13.50	119	261009	20.591	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	128224	20.861	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	125000	20.470	ug/l	99
89) n-Butylbenzene	13.82	91	234282	20.477	ug/l	99
90) Hexachloroethane	14.09	117	43555	19.768	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	112762	21.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7541	23.796	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77997	20.109	ug/l	97
94) Hexachlorobutadiene	15.24	225	55618	21.241	ug/l	98
95) Naphthalene	15.36	128	131537	21.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	69910	20.918	ug/l	100

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

