

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012134.D
 Acq On : 23 Aug 2019 15:56
 Operator : SY/VA
 Sample : VW0823SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:38:41 AM

Quant Time: Aug 26 07:39:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	160771	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.88	113	129469	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.32	98	531587	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.62	95	186640	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	30556	18.708	ug/l	99
3) Chloromethane	2.21	50	46499	18.376	ug/l	100
4) Vinyl Chloride	2.36	62	57641	18.611	ug/l	97
5) Bromomethane	2.76	94	26571	16.940	ug/l	96
6) Chloroethane	2.92	64	32243	18.454	ug/l	99
7) Trichlorofluoromethane	3.24	101	26280	16.898	ug/l	91
8) Diethyl Ether	3.68	74	28579	19.360	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50519	19.111	ug/l	99
10) Methyl Iodide	4.27	142	64198	17.949	ug/l	100
11) Tert butyl alcohol	5.20	59	18721	98.654	ug/l	100
12) 1,1-Dichloroethene	4.04	96	49886	18.749	ug/l	98
13) Acrolein	3.89	56	17434	97.599	ug/l	94
14) Allyl chloride	4.67	41	109695	19.285	ug/l	99
15) Acrylonitrile	5.37	53	70087	95.789	ug/l	99
16) Acetone	4.13	43	71282	88.434	ug/l	95
17) Carbon Disulfide	4.38	76	133826	16.643	ug/l	98
18) Methyl Acetate	4.67	43	40551	20.312	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	84686	19.682	ug/l	96
20) Methylene Chloride	4.92	84	58924	19.337	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	53414	18.721	ug/l	99
22) Diisopropyl ether	6.31	45	214515	20.346	ug/l	98
23) Vinyl Acetate	6.25	43	633227	97.590	ug/l	100
24) 1,1-Dichloroethane	6.21	63	112855	19.659	ug/l	99
25) 2-Butanone	7.17	43	103534	94.523	ug/l	100
26) 2,2-Dichloropropane	7.16	77	62588	19.262	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	59440	19.499	ug/l	98
28) Bromochloromethane	7.51	49	51880	20.735	ug/l	100
29) Tetrahydrofuran	7.53	42	65210	99.232	ug/l	99
30) Chloroform	7.67	83	104814	19.956	ug/l	97
31) Cyclohexane	7.95	56	104018	18.314	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	81223	19.549	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83800	19.008	ug/l	99
37) Ethyl Acetate	7.25	43	46160	19.107	ug/l	97
38) Carbon Tetrachloride	8.07	117	72574	19.019	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	90969	18.367	ug/l	99
40) Benzene	8.32	78	235566	19.568	ug/l	100
41) Methacrylonitrile	7.48	41	29642	20.876	ug/l	93
42) 1,2-Dichloroethane	8.40	62	74628	19.780	ug/l	99
43) Isopropyl Acetate	8.42	43	85948	19.206	ug/l	99
44) Trichloroethene	9.09	130	57476	19.640	ug/l	97
45) 1,2-Dichloropropane	9.37	63	64279	19.840	ug/l	98
46) Dibromomethane	9.46	93	28344	19.663	ug/l	97
47) Bromodichloromethane	9.65	83	75324	19.634	ug/l	98
48) Methyl methacrylate	9.43	41	40647	19.084	ug/l	96
49) 1,4-Dioxane	9.46	88	8477	384.139	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	223374	98.139	ug/l	100
52) Toluene	10.38	92	142352	19.684	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75912	19.425	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	90750	19.233	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40434	19.825	ug/l	96
56) Ethyl methacrylate	10.65	69	58235	19.619	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75786	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	147499	96.821	ug/l	99
59) 2-Hexanone	10.97	43	155171	96.351	ug/l	100
60) Dibromochloromethane	11.13	129	43898	19.324	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37569	19.772	ug/l	98
64) Tetrachloroethene	10.86	164	46293	19.341	ug/l	99
65) Chlorobenzene	11.66	112	143308	19.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50196	19.793	ug/l	99
67) Ethyl Benzene	11.73	91	273543	19.534	ug/l	98
68) m/p-Xylenes	11.84	106	199875	39.625	ug/l	98
69) o-Xylene	12.16	106	91988	19.704	ug/l	99
70) Styrene	12.18	104	159347	19.719	ug/l	99
71) Bromoform	12.35	173	23674	18.736	ug/l #	98
73) Isopropylbenzene	12.46	105	260450	19.705	ug/l	99
74) N-amyl acetate	12.27	43	76804	19.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47481	19.595	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33907m	19.737	ug/l	
77) Bromobenzene	12.74	156	56226	19.664	ug/l	100
78) n-propylbenzene	12.80	91	318052	19.711	ug/l	99
79) 2-Chlorotoluene	12.89	91	181398	19.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	218820	19.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15006	19.152	ug/l	96
82) 4-Chlorotoluene	12.99	91	193727	20.197	ug/l	99
83) tert-Butylbenzene	13.21	119	185664	19.846	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	220885	19.910	ug/l	100
85) sec-Butylbenzene	13.38	105	267461	19.955	ug/l	99
86) p-Isopropyltoluene	13.50	119	238838	19.953	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	111916	20.010	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110345	19.870	ug/l	98
89) n-Butylbenzene	13.82	91	235870	19.815	ug/l	99
90) Hexachloroethane	14.10	117	41044	19.544	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	98188	20.012	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7539	18.455	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	69081	20.374	ug/l	100
94) Hexachlorobutadiene	15.24	225	45121	20.154	ug/l	98
95) Naphthalene	15.37	128	118027	20.527	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	59817	20.220	ug/l	99

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

