

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008202.D
 Acq On : 11 Jan 2019 18:51
 Operator : SY/VA
 Sample : K1088-10MS
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

Manual Integrations
 APPROVED

apatel
 1/14/2019 2:42:04 PM

Quant Time: Jan 12 00:45:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51562	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.88	113	50416	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
50) Toluene-d8	10.32	98	174219	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	12.62	95	49400	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39842	53.610	ug/l	97
3) Chloromethane	2.22	50	47811	49.587	ug/l	96
4) Vinyl Chloride	2.37	62	60870	48.372	ug/l	97
5) Bromomethane	2.78	94	43855	46.522	ug/l	100
6) Chloroethane	2.93	64	40458	42.726	ug/l	95
7) Trichlorofluoromethane	3.26	101	42977	42.009	ug/l	97
8) Diethyl Ether	3.68	74	30228	52.266	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41315	40.676	ug/l	97
10) Methyl Iodide	4.27	142	76483	51.666	ug/l	100
11) Tert butyl alcohol	5.21	59	16635	267.156	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	49512	49.650	ug/l	85
13) Acrolein	3.90	56	9626	140.619	ug/l	93
14) Allyl chloride	4.67	41	82777	45.719	ug/l	98
15) Acrylonitrile	5.37	53	59381	269.684	ug/l	97
16) Acetone	4.13	43	67228	376.106	ug/l	95
17) Carbon Disulfide	4.37	76	141438	45.402	ug/l	100
18) Methyl Acetate	4.67	43	43533	67.300	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	88482	54.578	ug/l	95
20) Methylene Chloride	4.91	84	62533	63.340	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	53982	49.812	ug/l	89
22) Diisopropyl ether	6.31	45	180750	52.345	ug/l	98
23) Vinyl Acetate	6.26	43	396144	218.436	ug/l	97
24) 1,1-Dichloroethane	6.21	63	101509	50.453	ug/l	99
25) 2-Butanone	7.17	43	80290	281.958	ug/l	99
26) 2,2-Dichloropropane	7.16	77	62219	45.640	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	60136	50.860	ug/l	93
28) Bromochloromethane	7.51	49	41450	52.086	ug/l	91
29) Tetrahydrofuran	7.53	42	50114	263.460	ug/l	98
30) Chloroform	7.67	83	100868	52.670	ug/l	95
31) Cyclohexane	7.95	56	57213	26.563	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	76482	45.898	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68381	42.612	ug/l	98
37) Ethyl Acetate	7.25	43	31954	49.703	ug/l	97
38) Carbon Tetrachloride	8.07	117	63884	43.495	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	40167	19.740	ug/l	95
40) Benzene	8.32	78	219653	50.466	ug/l	100
41) Methacrylonitrile	7.49	41	21677	53.376	ug/l	94
42) 1,2-Dichloroethane	8.40	62	61949	50.605	ug/l	97
43) Isopropyl Acetate	8.43	43	66615	51.824	ug/l	99
44) Trichloroethene	9.09	130	53462	47.983	ug/l	99
45) 1,2-Dichloropropane	9.37	63	55167	51.117	ug/l	92
46) Dibromomethane	9.46	93	27075	51.083	ug/l	92
47) Bromodichloromethane	9.65	83	68590	50.966	ug/l #	97
48) Methyl methacrylate	9.43	41	33766	55.670	ug/l	97
49) 1,4-Dioxane	9.46	88	8369	981.859	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	163265	262.395	ug/l	98
52) Toluene	10.39	92	123011	44.254	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66809	47.724	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	79904	48.135	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40449	54.357	ug/l	95
56) Ethyl methacrylate	10.65	69	50289	54.570	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70140	51.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	120922	254.022	ug/l	96
59) 2-Hexanone	10.97	43	118308	281.172	ug/l	97
60) Dibromochloromethane	11.13	129	44830	54.861	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37308	52.837	ug/l	99
64) Tetrachloroethene	10.86	164	39956	50.632	ug/l	95
65) Chlorobenzene	11.66	112	124609	48.506	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46672	55.857	ug/l	98
67) Ethyl Benzene	11.73	91	194517	41.383	ug/l	95
68) m/p-Xylenes	11.84	106	148651	82.855	ug/l	97
69) o-Xylene	12.17	106	73613	44.307	ug/l	96
70) Styrene	12.18	104	117365	45.100	ug/l	98
71) Bromoform	12.35	173	23446	62.698	ug/l #	98
73) Isopropylbenzene	12.47	105	158977	48.370	ug/l	98
74) N-amyl acetate	12.27	43	63590	87.366	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	42026	79.884	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30373m	79.586	ug/l	
77) Bromobenzene	12.75	156	44113	63.520	ug/l	94
78) n-propylbenzene	12.80	91	169318	42.044	ug/l	98
79) 2-Chlorotoluene	12.90	91	107314	47.764	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	114473	42.383	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12233	74.644	ug/l	95
82) 4-Chlorotoluene	12.99	91	110816	46.831	ug/l	96
83) tert-Butylbenzene	13.21	119	89038	37.263	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	120603	43.295	ug/l	98
85) sec-Butylbenzene	13.39	105	119091	34.024	ug/l	97
86) p-Isopropyltoluene	13.50	119	100737	33.328	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	65862	46.752	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	65083	46.046	ug/l	98
89) n-Butylbenzene	13.83	91	83815	28.313	ug/l	99
90) Hexachloroethane	14.10	117	19806	38.795	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	62635	50.590	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6411	75.723	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24384	29.664	ug/l #	78
94) Hexachlorobutadiene	15.24	225	7906	17.970	ug/l	98
95) Naphthalene	15.37	128	71745	46.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	21280	30.368	ug/l #	75

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

