

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008200.D
 Acq On : 11 Jan 2019 17:59
 Operator : SY/VA
 Sample : K1088-08MS
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

Manual Integrations
 APPROVED

apatel
 1/14/2019 2:41:57 PM

Quant Time: Jan 12 00:41:44 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	28010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	52318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	33921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	17589	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
35) Dibromofluoromethane	7.88	113	16692	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.32	98	47234	36.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.78%	
62) 4-Bromofluorobenzene	12.62	95	13469	29.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12723	55.657	ug/l	94
3) Chloromethane	2.21	50	19602	66.095	ug/l	100
4) Vinyl Chloride	2.36	62	25155	64.988	ug/l	95
5) Bromomethane	2.78	94	15646	53.960	ug/l	98
6) Chloroethane	2.92	64	15716	53.958	ug/l	99
7) Trichlorofluoromethane	3.26	101	25565	81.241	ug/l	91
8) Diethyl Ether	3.68	74	11644	65.454	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	10650	34.088	ug/l	96
10) Methyl Iodide	4.26	142	28218	61.971	ug/l	99
11) Tert butyl alcohol	5.17	59	7406	400.324	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16752	54.613	ug/l	93
13) Acrolein	3.89	56	5081	242.386	ug/l	96
14) Allyl chloride	4.67	41	30911	55.504	ug/l	98
15) Acrylonitrile	5.37	53	23342	344.643	ug/l	96
16) Acetone	4.12	43	24148	443.079	ug/l	98
17) Carbon Disulfide	4.37	76	48728	50.853	ug/l #	94
18) Methyl Acetate	4.67	43	16216	81.501	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	41860	83.943	ug/l	97
20) Methylene Chloride	4.92	84	21678	72.062	ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	18783	56.348	ug/l	85
22) Diisopropyl ether	6.31	45	64669	60.886	ug/l	98
23) Vinyl Acetate	6.25	43	160743	288.156	ug/l	99
24) 1,1-Dichloroethane	6.21	63	36425	58.858	ug/l	95
25) 2-Butanone	7.17	43	30703	350.532	ug/l	97
26) 2,2-Dichloropropane	7.17	77	26818	63.955	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	22335	61.412	ug/l	92
28) Bromochloromethane	7.51	49	14871	60.752	ug/l	92
29) Tetrahydrofuran	7.52	42	19723	337.096	ug/l	95
30) Chloroform	7.68	83	34721	58.942	ug/l	97
31) Cyclohexane	7.95	56	12421	18.748	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	25575	49.897	ug/l	99
36) 1,1-Dichloropropene	8.08	75	20421	37.892	ug/l	96
37) Ethyl Acetate	7.26	43	13230	61.275	ug/l	97
38) Carbon Tetrachloride	8.07	117	17951	36.392	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15398	22.533	ug/l	94
40) Benzene	8.32	78	77022	52.692	ug/l	96
41) Methacrylonitrile	7.49	41	8696	63.758	ug/l	95
42) 1,2-Dichloroethane	8.40	62	23883	58.093	ug/l	94
43) Isopropyl Acetate	8.42	43	27370	63.402	ug/l	96
44) Trichloroethene	9.09	130	16456	43.978	ug/l	97
45) 1,2-Dichloropropane	9.37	63	19455	53.677	ug/l	100
46) Dibromomethane	9.46	93	11091	62.309	ug/l	95
47) Bromodichloromethane	9.65	83	24058	53.229	ug/l	100
48) Methyl methacrylate	9.43	41	13414	65.853	ug/l	99
49) 1,4-Dioxane	9.44	88	4205	1468.972	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	64533	308.827	ug/l	99
52) Toluene	10.39	92	36299	38.884	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	24243	51.566	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	27365	49.086	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	14867	59.489	ug/l	96
56) Ethyl methacrylate	10.65	69	19137	61.834	ug/l	99
57) 1,3-Dichloropropane	10.93	76	25994	56.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	44918	280.969	ug/l	96
59) 2-Hexanone	10.97	43	46578	329.617	ug/l	96
60) Dibromochloromethane	11.13	129	15141	55.173	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12650	53.346	ug/l	100
64) Tetrachloroethene	10.86	164	7647	34.640	ug/l	85
65) Chlorobenzene	11.66	112	34662	48.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	14071	60.199	ug/l	94
67) Ethyl Benzene	11.73	91	44491	33.836	ug/l	100
68) m/p-Xylenes	11.84	106	34499	68.738	ug/l	98
69) o-Xylene	12.17	106	18807	40.465	ug/l	99
70) Styrene	12.18	104	31620	43.435	ug/l	96
71) Bromoform	12.35	173	8305	79.390	ug/l #	94
73) Isopropylbenzene	12.47	105	49253	73.195	ug/l	85
74) N-amyl acetate	12.27	43	22048	147.955	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	17785	165.123	ug/l	83
76) 1,2,3-Trichloropropane	12.77	75	10981m	140.541	ug/l	
77) Bromobenzene	12.75	156	10938	76.929	ug/l	87
78) n-propylbenzene	12.81	91	31799	38.568	ug/l	98
79) 2-Chlorotoluene	12.90	91	23688	51.497	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	20893	37.784	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3896	116.116	ug/l #	94
82) 4-Chlorotoluene	12.99	91	24507	50.586	ug/l	95
83) tert-Butylbenzene	13.21	119	14536	29.714	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	26850	47.079	ug/l	100
85) sec-Butylbenzene	13.39	105	18691	26.083	ug/l	87
86) p-Isopropyltoluene	13.50	119	75595	122.160	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	12966	44.955	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	12419	42.917	ug/l	93
89) n-Butylbenzene	13.83	91	12618	20.819	ug/l	95
90) Hexachloroethane	14.10	117	3341	31.964	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	12675	50.004	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2349	135.517	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	3750	22.283	ug/l #	70
94) Hexachlorobutadiene	15.24	225	1089	12.090	ug/l	94
95) Naphthalene	15.37	128	16407	52.213	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.56	180	3393	23.651	ug/l #	79

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

