

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008283.D
 Acq On : 15 Jan 2019 14:45
 Operator : SY/VA
 Sample : K1088-09MSD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 16 01:21:42 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	123017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	213351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	63168	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	7.88	113	67740	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
50) Toluene-d8	10.32	98	241722	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
62) 4-Bromofluorobenzene	12.62	95	68800	36.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26291	26.187	ug/l	95
3) Chloromethane	2.21	50	32332	24.823	ug/l	98
4) Vinyl Chloride	2.36	62	44153	25.973	ug/l	91
5) Bromomethane	2.78	94	30851	24.226	ug/l	99
6) Chloroethane	2.93	64	27710	21.662	ug/l	100
7) Trichlorofluoromethane	3.26	101	35855	25.943	ug/l	92
8) Diethyl Ether	3.68	74	18506	23.686	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	17799	12.972	ug/l	93
10) Methyl Iodide	4.26	142	52394	26.199	ug/l	99
11) Tert butyl alcohol	5.20	59	9239	91.873	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	31374	23.289	ug/l	99
13) Acrolein	3.89	56	2410	24.834	ug/l #	80
14) Allyl chloride	4.67	41	53894	22.034	ug/l	96
15) Acrylonitrile	5.37	53	30634	102.987	ug/l	98
16) Acetone	4.13	43	33500	124.150	ug/l	96
17) Carbon Disulfide	4.37	76	92128	21.891	ug/l	100
18) Methyl Acetate	4.67	43	21636	24.760	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55159	25.185	ug/l	92
20) Methylene Chloride	4.91	84	37534	25.187	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	35053	23.943	ug/l	95
22) Diisopropyl ether	6.31	45	112098	24.031	ug/l	99
23) Vinyl Acetate	6.26	43	204198	83.348	ug/l	99
24) 1,1-Dichloroethane	6.21	63	66652	24.523	ug/l	97
25) 2-Butanone	7.18	43	40336	104.855	ug/l	96
26) 2,2-Dichloropropane	7.17	77	44297	24.053	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	39073	24.462	ug/l	94
28) Bromochloromethane	7.51	49	21880	20.352	ug/l	89
29) Tetrahydrofuran	7.53	42	25079	97.597	ug/l	97
30) Chloroform	7.67	83	63461	24.530	ug/l	92
31) Cyclohexane	7.95	56	22465	7.721	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	46625	20.712	ug/l	99
36) 1,1-Dichloropropene	8.08	75	37409	17.022	ug/l	97
37) Ethyl Acetate	7.25	43	16599	18.852	ug/l	98
38) Carbon Tetrachloride	8.07	117	33105	16.458	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22903	8.219	ug/l	97
40) Benzene	8.32	78	134676	22.593	ug/l	99
41) Methacrylonitrile	7.49	41	10833	19.477	ug/l	94
42) 1,2-Dichloroethane	8.40	62	36900	22.010	ug/l	95
43) Isopropyl Acetate	8.43	43	37865	21.509	ug/l	98
44) Trichloroethene	9.09	130	30036	19.684	ug/l	100
45) 1,2-Dichloropropane	9.37	63	33255	22.499	ug/l	99
46) Dibromomethane	9.46	93	16419	22.620	ug/l	96
47) Bromodichloromethane	9.65	83	41992	22.783	ug/l	98
48) Methyl methacrylate	9.43	41	17642	21.238	ug/l	94
49) 1,4-Dioxane	9.46	88	4600	394.059	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	88604	103.979	ug/l	98
52) Toluene	10.39	92	62085	16.309	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	38609	20.138	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	48125	21.168	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	22924	22.494	ug/l	99
56) Ethyl methacrylate	10.65	69	27443	21.744	ug/l	98
57) 1,3-Dichloropropane	10.93	76	39460	21.171	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	64910	99.565	ug/l	95
59) 2-Hexanone	10.97	43	62005	107.600	ug/l	98
60) Dibromochloromethane	11.13	129	24370	21.776	ug/l	98
61) 1,2-Dibromoethane	11.24	107	20599	21.302	ug/l	100
64) Tetrachloroethene	10.87	164	12513	11.785	ug/l	92
65) Chlorobenzene	11.66	112	59867	17.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	22156	19.708	ug/l	99
67) Ethyl Benzene	11.73	91	76624	12.116	ug/l	99
68) m/p-Xylenes	11.84	106	54679	22.651	ug/l	96
69) o-Xylene	12.17	106	30578	13.679	ug/l	93
70) Styrene	12.18	104	49970	14.272	ug/l	99
71) Bromoform	12.35	173	12134	24.116	ug/l #	96
73) Isopropylbenzene	12.47	105	117899	24.166	ug/l	79
74) N-amyl acetate	12.27	43	24087	22.294	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	22570	28.903	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	15825m	27.936	ug/l	
77) Bromobenzene	12.75	156	16916	16.410	ug/l	76
78) n-propylbenzene	12.80	91	55207	9.235	ug/l	95
79) 2-Chlorotoluene	12.90	91	35638	10.686	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	37342	9.314	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	6377	26.215	ug/l #	31
82) 4-Chlorotoluene	12.99	91	40659	11.576	ug/l	98
83) tert-Butylbenzene	13.21	119	25342	7.145	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	37885	9.162	ug/l	99
85) sec-Butylbenzene	13.39	105	36704	7.065	ug/l	94
86) p-Isopropyltoluene	13.51	119	281379	62.716	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	20334	9.724	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	21086	10.050	ug/l	97
89) n-Butylbenzene	13.83	91	25690	5.846	ug/l	93
90) Hexachloroethane	14.10	117	5314	7.012	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	19593	10.661	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3103	24.691	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6686	5.480	ug/l #	69
94) Hexachlorobutadiene	15.24	225	2275	3.484	ug/l	99
95) Naphthalene	15.37	128	25086	11.011	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.56	180	5678	5.459	ug/l #	70

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

