

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008201.D
 Acq On : 11 Jan 2019 18:25
 Operator : SY/VA
 Sample : K1088-09MSD
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 1/14/2019 2:42:00 PM

Quant Time: Jan 12 00:44:29 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	55048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47129	76.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.36%	
35) Dibromofluoromethane	7.88	113	43054	67.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.68%	
50) Toluene-d8	10.32	98	108116	40.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.60%	
62) 4-Bromofluorobenzene	12.62	95	27193	28.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	28020	62.369	ug/l	94
3) Chloromethane	2.21	50	41178	70.649	ug/l	96
4) Vinyl Chloride	2.37	62	49768	65.423	ug/l	95
5) Bromomethane	2.78	94	39475	69.272	ug/l	94
6) Chloroethane	2.93	64	34806	60.805	ug/l	98
7) Trichlorofluoromethane	3.26	101	26967	43.605	ug/l	91
8) Diethyl Ether	3.68	74	32172	92.021	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	18943	30.851	ug/l	94
10) Methyl Iodide	4.26	142	64842	72.458	ug/l	99
11) Tert butyl alcohol	5.21	59	20258	569.132	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	37008	61.390	ug/l	90
13) Acrolein	3.89	56	11255	273.388	ug/l	98
14) Allyl chloride	4.66	41	70675	64.572	ug/l	97
15) Acrylonitrile	5.37	53	66989	503.277	ug/l	99
16) Acetone	4.13	43	72346	687.555	ug/l	96
17) Carbon Disulfide	4.37	76	105223	55.875	ug/l	98
18) Methyl Acetate	4.67	43	48588	124.256	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	94316	96.237	ug/l	97
20) Methylene Chloride	4.91	84	59693	103.101	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	43415	66.271	ug/l	93
22) Diisopropyl ether	6.31	45	181260	86.834	ug/l	98
23) Vinyl Acetate	6.25	43	460952	420.458	ug/l	98
24) 1,1-Dichloroethane	6.21	63	90509	74.416	ug/l	98
25) 2-Butanone	7.18	43	88541	514.355	ug/l	96
26) 2,2-Dichloropropane	7.17	77	46974	57.000	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	54139	75.744	ug/l	92
28) Bromochloromethane	7.51	49	37183	77.292	ug/l	89
29) Tetrahydrofuran	7.53	42	58919	512.398	ug/l	99
30) Chloroform	7.68	83	88557	76.494	ug/l	98
31) Cyclohexane	7.96	56	19203	14.749	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	52785	52.401	ug/l	99
36) 1,1-Dichloropropene	8.08	75	42543	37.673	ug/l	98
37) Ethyl Acetate	7.25	43	37342	82.539	ug/l	97
38) Carbon Tetrachloride	8.07	117	36325	35.145	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15616	10.906	ug/l	89
40) Benzene	8.32	78	181660	59.310	ug/l	98
41) Methacrylonitrile	7.48	41	21942	76.777	ug/l	95
42) 1,2-Dichloroethane	8.40	62	63849	74.118	ug/l	98
43) Isopropyl Acetate	8.42	43	75532	83.502	ug/l	96
44) Trichloroethene	9.09	130	36712	46.823	ug/l	94
45) 1,2-Dichloropropane	9.37	63	49584	65.289	ug/l	96
46) Dibromomethane	9.46	93	29295	78.544	ug/l	93
47) Bromodichloromethane	9.65	83	64539	68.147	ug/l	99
48) Methyl methacrylate	9.44	41	37261	87.299	ug/l	95
49) 1,4-Dioxane	9.46	88	10591	1765.720	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	192731	440.173	ug/l	100
52) Toluene	10.39	92	83619	42.749	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	64820	65.800	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	72513	62.075	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	39828	76.058	ug/l	99
56) Ethyl methacrylate	10.65	69	54166	83.525	ug/l	96
57) 1,3-Dichloropropane	10.93	76	69647	72.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	122597	365.979	ug/l	96
59) 2-Hexanone	10.97	43	132697	448.154	ug/l	99
60) Dibromochloromethane	11.13	129	39916	69.415	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36659	73.779	ug/l	99
64) Tetrachloroethene	10.87	164	15701	32.899	ug/l	92
65) Chlorobenzene	11.66	112	83241	53.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32539	64.393	ug/l	100
67) Ethyl Benzene	11.73	91	96555	33.966	ug/l	92
68) m/p-Xylenes	11.84	106	75881	69.935	ug/l	96
69) o-Xylene	12.17	106	41493	41.296	ug/l	98
70) Styrene	12.18	104	73835	46.915	ug/l	97
71) Bromoform	12.35	173	21002	92.866	ug/l #	97
73) Isopropylbenzene	12.47	105	93606	69.700	ug/l	85
74) N-amyl acetate	12.27	43	57729	194.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40096	186.525	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33155m	212.614	ug/l	
77) Bromobenzene	12.75	156	27311	96.244	ug/l	89
78) n-propylbenzene	12.80	91	60017	36.473	ug/l	97
79) 2-Chlorotoluene	12.90	91	46910	51.097	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	41548	37.647	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.52	75	11848	176.930	ug/l	88
82) 4-Chlorotoluene	12.99	91	55310	57.204	ug/l	99
83) tert-Butylbenzene	13.21	119	25101	25.709	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	55059	48.372	ug/l	99
85) sec-Butylbenzene	13.39	105	31087	21.736	ug/l	97
86) p-Isopropyltoluene	13.50	119	313227	253.617	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	29150	50.640	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31062	53.784	ug/l	97
89) n-Butylbenzene	13.83	91	21411	17.701	ug/l	95
90) Hexachloroethane	14.10	117	5584	26.768	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	30960	61.199	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5816	168.119	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	7883	23.470	ug/l #	91
94) Hexachlorobutadiene	15.24	225	2022	11.248	ug/l	97
95) Naphthalene	15.37	128	45951	73.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	7459	26.051	ug/l #	83

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

