

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006799.D
 Acq On : 09 Nov 2018 21:06
 Operator : SY/AP
 Sample : J5860-06MSD
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:27 PM

Quant Time: Nov 12 05:49:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	11684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	17215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6294	73.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.00%	
35) Dibromofluoromethane	7.89	113	5989	61.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.24%	
50) Toluene-d8	10.33	98	18944	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
62) 4-Bromofluorobenzene	12.62	95	6611	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4495	47.317	ug/l	96
3) Chloromethane	2.21	50	5702	49.998	ug/l	100
4) Vinyl Chloride	2.36	62	5963	49.734	ug/l #	69
5) Bromomethane	2.79	94	2712	31.416	ug/l	95
6) Chloroethane	2.94	64	4147	52.852	ug/l	96
7) Trichlorofluoromethane	3.29	101	9152	60.752	ug/l	96
8) Diethyl Ether	3.70	74	3535	80.661	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	5648	56.425	ug/l	98
10) Methyl Iodide	4.29	142	8200	58.966	ug/l	96
11) Tert butyl alcohol	5.15	59	2708	480.485	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	5224	62.588	ug/l	97
13) Acrolein	3.90	56	1588	270.539	ug/l	92
14) Allyl chloride	4.68	41	6837	60.765	ug/l	97
15) Acrylonitrile	5.37	53	7787	443.907	ug/l	98
16) Acetone	4.12	43	7328	591.194	ug/l	98
17) Carbon Disulfide	4.40	76	15103	54.854	ug/l #	94
18) Methyl Acetate	4.68	43	5468	125.709	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	15800	77.286	ug/l #	88
20) Methylene Chloride	4.94	84	7977	82.141	ug/l #	87
21) trans-1,2-Dichloroethene	5.44	96	5839	58.485	ug/l	95
22) Diisopropyl ether	6.32	45	15581	65.710	ug/l	92
23) Vinyl Acetate	6.26	43	36605	270.674	ug/l	95
24) 1,1-Dichloroethane	6.23	63	10634	68.555	ug/l	97
25) 2-Butanone	7.18	43	9824	480.018	ug/l	94
26) 2,2-Dichloropropane	7.18	77	8170	55.282	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	7094	66.314	ug/l	95
28) Bromochloromethane	7.51	49	4504	77.523	ug/l	97
29) Tetrahydrofuran	7.54	42	6088	453.858	ug/l	99
30) Chloroform	7.69	83	12026	69.970	ug/l	88
31) Cyclohexane	7.96	56	7741	48.456	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	9326	57.173	ug/l	98
36) 1,1-Dichloropropene	8.09	75	7257	46.456	ug/l	97
37) Ethyl Acetate	7.26	43	4724	85.155	ug/l	95
38) Carbon Tetrachloride	8.08	117	8210	49.190	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	8497	42.722	ug/l	97
40) Benzene	8.33	78	24061	54.547	ug/l	99
41) Methacrylonitrile	7.49	41	2040m	63.385	ug/l	
42) 1,2-Dichloroethane	8.41	62	8401	69.968	ug/l	99
43) Isopropyl Acetate	8.43	43	7898	75.944	ug/l	99
44) Trichloroethene	9.10	130	6869	50.647	ug/l	88
45) 1,2-Dichloropropane	9.38	63	6319	60.995	ug/l	94
46) Dibromomethane	9.46	93	4169	71.677	ug/l	99
47) Bromodichloromethane	9.65	83	8345	59.126	ug/l #	96
48) Methyl methacrylate	9.44	41	3525	71.969	ug/l	93
49) 1,4-Dioxane	9.45	88	1361	1562.975	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	20186	377.797	ug/l	99
52) Toluene	10.39	92	14328	46.201	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	7727	56.460	ug/l #	87
54) cis-1,3-Dichloropropene	10.08	75	8767	54.030	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	5995	69.965	ug/l	99
56) Ethyl methacrylate	10.65	69	5233	55.306	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	9660	70.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	13186	279.831	ug/l	98
59) 2-Hexanone	10.97	43	13223	365.171	ug/l	97
60) Dibromochloromethane	11.13	129	6416	62.294	ug/l	100
61) 1,2-Dibromoethane	11.24	107	5644	68.464	ug/l	99
64) Tetrachloroethene	10.87	164	6546	50.904	ug/l #	91
65) Chlorobenzene	11.66	112	18028	50.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	6888	59.985	ug/l	97
67) Ethyl Benzene	11.74	91	25586	42.430	ug/l	99
68) m/p-Xylenes	11.85	106	19674	79.988	ug/l	98
69) o-Xylene	12.17	106	9870	43.588	ug/l	99
70) Styrene	12.19	104	14783	40.165	ug/l	98
71) Bromoform	12.35	173	4131	64.945	ug/l #	97
73) Isopropylbenzene	12.47	105	25529	47.944	ug/l	99
74) N-amyl acetate	12.27	43	5367	61.837	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	6778	85.441	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	4382m	72.606	ug/l	
77) Bromobenzene	12.75	156	7968	57.872	ug/l	99
78) n-propylbenzene	12.81	91	28810	45.535	ug/l	99
79) 2-Chlorotoluene	12.90	91	17981	50.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	20200	43.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	1460	64.319	ug/l #	88
82) 4-Chlorotoluene	12.99	91	18519	48.615	ug/l	99
83) tert-Butylbenzene	13.21	119	18786	47.123	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	20057	42.431	ug/l	98
85) sec-Butylbenzene	13.39	105	26328	46.144	ug/l	99
86) p-Isopropyltoluene	13.51	119	21942	42.161	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	14834	53.032	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	13637	48.949	ug/l	99
89) n-Butylbenzene	13.83	91	18855	39.254	ug/l	99
90) Hexachloroethane	14.10	117	4319	52.898	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	13411	54.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	911	71.118	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5613	30.986	ug/l	98
94) Hexachlorobutadiene	15.24	225	5541	48.604	ug/l	97
95) Naphthalene	15.38	128	7252	26.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	4940	31.525	ug/l	98

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

