

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006818.D
 Acq On : 12 Nov 2018 20:21
 Operator : SY/AP
 Sample : J5860-06MSD
 Misc : 4.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 11/13/2018 3:55:56 PM

Quant Time: Nov 13 03:15:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	303482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	233882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109444	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	7.89	113	114728	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
50) Toluene-d8	10.33	98	488080	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.62	95	185561	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	123154	49.155	ug/l	100
3) Chloromethane	2.21	50	149900	53.071	ug/l	99
4) Vinyl Chloride	2.36	62	159321	52.547	ug/l	99
5) Bromomethane	2.78	94	113783	55.781	ug/l	99
6) Chloroethane	2.92	64	99240	50.723	ug/l	99
7) Trichlorofluoromethane	3.26	101	198052	49.486	ug/l	99
8) Diethyl Ether	3.69	74	66031	56.225	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	127294	46.906	ug/l	100
10) Methyl Iodide	4.28	142	200250	52.649	ug/l	100
11) Tert butyl alcohol	5.21	59	41913	287.805	ug/l	99
12) 1,1-Dichloroethene	4.04	96	112985	49.288	ug/l	95
13) Acrolein	3.90	56	34288	225.119	ug/l	95
14) Allyl chloride	4.68	41	155407	51.544	ug/l	100
15) Acrylonitrile	5.38	53	139917	314.587	ug/l	99
16) Acetone	4.15	43	96281	302.187	ug/l	99
17) Carbon Disulfide	4.39	76	375399	51.783	ug/l	99
18) Methyl Acetate	4.68	43	89442	82.067	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	319732	58.750	ug/l	99
20) Methylene Chloride	4.92	84	159060	55.399	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	132575	49.039	ug/l	97
22) Diisopropyl ether	6.32	45	345095	55.113	ug/l	99
23) Vinyl Acetate	6.26	43	841409	238.364	ug/l	98
24) 1,1-Dichloroethane	6.23	63	212821	51.248	ug/l	99
25) 2-Butanone	7.18	43	163744	303.889	ug/l	98
26) 2,2-Dichloropropane	7.17	77	195092	46.691	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	147416	51.147	ug/l	99
28) Bromochloromethane	7.52	49	73881	50.861	ug/l	98
29) Tetrahydrofuran	7.54	42	106761	309.606	ug/l	99
30) Chloroform	7.68	83	234444	51.705	ug/l	99
31) Cyclohexane	7.96	56	204413	48.087	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	219574	50.168	ug/l	99
36) 1,1-Dichloropropene	8.09	75	193150	50.637	ug/l	99
37) Ethyl Acetate	7.26	43	73945	59.284	ug/l	98
38) Carbon Tetrachloride	8.07	117	201745	48.663	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	240286	48.554	ug/l	98
40) Benzene	8.33	78	555598	52.382	ug/l	100
41) Methacrylonitrile	7.49	41	47010	61.382	ug/l	97
42) 1,2-Dichloroethane	8.40	62	153030	53.851	ug/l	100
43) Isopropyl Acetate	8.43	43	144248	59.464	ug/l	99
44) Trichloroethene	9.10	130	166491	49.747	ug/l	97
45) 1,2-Dichloropropane	9.37	63	131626	53.245	ug/l	98
46) Dibromomethane	9.46	93	75048	54.539	ug/l	99
47) Bromodichloromethane	9.65	83	181901	53.295	ug/l	98
48) Methyl methacrylate	9.44	41	72871	61.271	ug/l	96
49) 1,4-Dioxane	9.47	88	24388	1173.080	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	389244	320.007	ug/l	99
52) Toluene	10.39	92	401982	53.459	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	189048	56.263	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	217490	54.586	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114388	56.020	ug/l	98
56) Ethyl methacrylate	10.65	69	131817	58.904	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184888	57.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	318355	284.044	ug/l	100
59) 2-Hexanone	10.98	43	276313	329.336	ug/l	99
60) Dibromochloromethane	11.13	129	142497	57.031	ug/l	100
61) 1,2-Dibromoethane	11.24	107	112893	58.214	ug/l	99
64) Tetrachloroethene	10.87	164	160754	49.357	ug/l	97
65) Chlorobenzene	11.66	112	475200	52.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	152743	52.206	ug/l	100
67) Ethyl Benzene	11.74	91	798649	51.957	ug/l	99
68) m/p-Xylenes	11.84	106	650637	103.453	ug/l	99
69) o-Xylene	12.17	106	309458	52.869	ug/l	99
70) Styrene	12.18	104	508567	54.285	ug/l	99
71) Bromoform	12.35	173	91971	57.600	ug/l #	100
73) Isopropylbenzene	12.47	105	828523	51.034	ug/l	99
74) N-amyl acetate	12.28	43	136891	55.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	131965	58.761	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	99314m	58.923	ug/l	
77) Bromobenzene	12.75	156	217739	53.198	ug/l	99
78) n-propylbenzene	12.81	91	963488	50.285	ug/l	100
79) 2-Chlorotoluene	12.90	91	546861	50.871	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	706944	50.654	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39909	58.569	ug/l	99
82) 4-Chlorotoluene	12.99	91	583580	50.880	ug/l	100
83) tert-Butylbenzene	13.21	119	622233	50.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	732456	51.571	ug/l	100
85) sec-Butylbenzene	13.39	105	869472	49.737	ug/l	100
86) p-Isopropyltoluene	13.51	119	791597	49.783	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	425822	51.046	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	425121	51.510	ug/l	100
89) n-Butylbenzene	13.83	91	703575	48.417	ug/l	100
90) Hexachloroethane	14.10	117	127958	50.292	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	387963	53.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21715	60.395	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	281377	51.301	ug/l	100
94) Hexachlorobutadiene	15.24	225	162456	46.744	ug/l	99
95) Naphthalene	15.38	128	496364	60.510	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	250460	53.212	ug/l	99

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

