

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006817.D
 Acq On : 12 Nov 2018 19:56
 Operator : SY/AP
 Sample : J5860-05MS
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 11/13/2018 3:55:51 PM

Quant Time: Nov 13 03:11:56 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	298677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	401285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	232185	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105473	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.89	113	111230	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.33	98	470140	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.62	95	177821	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	115235	46.734	ug/l	98
3) Chloromethane	2.21	50	141394	50.865	ug/l	100
4) Vinyl Chloride	2.35	62	150643	50.484	ug/l	99
5) Bromomethane	2.78	94	111961	55.771	ug/l	95
6) Chloroethane	2.92	64	96002	49.858	ug/l	99
7) Trichlorofluoromethane	3.26	101	188007	47.731	ug/l	99
8) Diethyl Ether	3.69	74	62759	54.299	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	120870	45.255	ug/l	99
10) Methyl Iodide	4.28	142	186547	49.835	ug/l	99
11) Tert butyl alcohol	5.21	59	39548	275.934	ug/l	100
12) 1,1-Dichloroethene	4.04	96	107150	47.495	ug/l	97
13) Acrolein	3.90	56	35053	233.844	ug/l	97
14) Allyl chloride	4.68	41	147538	49.722	ug/l	100
15) Acrylonitrile	5.38	53	128808	294.269	ug/l	99
16) Acetone	4.14	43	96659	308.254	ug/l	99
17) Carbon Disulfide	4.39	76	356330	49.944	ug/l	99
18) Methyl Acetate	4.68	43	67937	63.338	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	297335	55.513	ug/l	99
20) Methylene Chloride	4.92	84	167274	59.594	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	127880	48.063	ug/l	99
22) Diisopropyl ether	6.32	45	323693	52.526	ug/l	97
23) Vinyl Acetate	6.26	43	852848	245.491	ug/l	99
24) 1,1-Dichloroethane	6.23	63	201098	49.204	ug/l	99
25) 2-Butanone	7.18	43	154053	290.503	ug/l	97
26) 2,2-Dichloropropane	7.17	77	184915	44.967	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	140222	49.434	ug/l	99
28) Bromochloromethane	7.52	49	75511	52.819	ug/l	98
29) Tetrahydrofuran	7.54	42	99729	293.866	ug/l	98
30) Chloroform	7.68	83	222782	49.923	ug/l	99
31) Cyclohexane	7.96	56	194309	46.445	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	209838	48.715	ug/l	100
36) 1,1-Dichloropropene	8.09	75	180190	47.983	ug/l	99
37) Ethyl Acetate	7.26	43	69547	56.637	ug/l	99
38) Carbon Tetrachloride	8.07	117	190979	46.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	229836	47.175	ug/l	98
40) Benzene	8.33	78	527093	50.477	ug/l	100
41) Methacrylonitrile	7.49	41	39606	52.530	ug/l	93
42) 1,2-Dichloroethane	8.40	62	145735	52.092	ug/l	100
43) Isopropyl Acetate	8.43	43	137991	57.781	ug/l	99
44) Trichloroethene	9.10	130	159174	48.310	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124694	51.236	ug/l	100
46) Dibromomethane	9.46	93	71139	52.513	ug/l	100
47) Bromodichloromethane	9.65	83	171286	50.975	ug/l	100
48) Methyl methacrylate	9.44	41	67154	57.354	ug/l	99
49) 1,4-Dioxane	9.47	88	22473	1098.002	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	363322	303.403	ug/l	100
52) Toluene	10.39	92	391266	52.854	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	177248	53.582	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	204610	52.163	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	108098	53.774	ug/l	99
56) Ethyl methacrylate	10.65	69	129249	58.666	ug/l	97
57) 1,3-Dichloropropane	10.94	76	171888	53.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	312570	283.278	ug/l	100
59) 2-Hexanone	10.98	43	258001	312.356	ug/l	99
60) Dibromochloromethane	11.13	129	133820	54.403	ug/l	99
61) 1,2-Dibromoethane	11.24	107	105661	55.343	ug/l	99
64) Tetrachloroethene	10.87	164	154696	48.099	ug/l	98
65) Chlorobenzene	11.66	112	446814	50.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	144565	50.037	ug/l	100
67) Ethyl Benzene	11.74	91	757147	49.881	ug/l	98
68) m/p-Xylenes	11.85	106	614143	98.888	ug/l	100
69) o-Xylene	12.17	106	291676	50.463	ug/l	99
70) Styrene	12.18	104	476863	51.546	ug/l	100
71) Bromoform	12.35	173	86695	54.984	ug/l #	100
73) Isopropylbenzene	12.47	105	786736	48.815	ug/l	99
74) N-amyl acetate	12.28	43	137535	56.438	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	123969	55.604	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	95298m	56.953	ug/l	
77) Bromobenzene	12.75	156	205739	50.633	ug/l	99
78) n-propylbenzene	12.81	91	918019	48.262	ug/l	99
79) 2-Chlorotoluene	12.90	91	521533	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	669462	48.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	37488	55.418	ug/l	98
82) 4-Chlorotoluene	12.99	91	555136	48.754	ug/l	100
83) tert-Butylbenzene	13.21	119	597400	48.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	691782	49.063	ug/l	100
85) sec-Butylbenzene	13.39	105	823511	47.452	ug/l	100
86) p-Isopropyltoluene	13.51	119	756185	47.904	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	407230	49.174	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	402051	49.070	ug/l	100
89) n-Butylbenzene	13.83	91	673549	46.689	ug/l	99
90) Hexachloroethane	14.10	117	120994	47.902	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	364396	50.527	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19969	55.945	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	264680	48.610	ug/l	99
94) Hexachlorobutadiene	15.24	225	157017	45.509	ug/l	100
95) Naphthalene	15.38	128	455931	55.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	235857	50.476	ug/l	99

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

