

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006798.D
 Acq On : 09 Nov 2018 20:40
 Operator : SY/AP
 Sample : J5860-05MS
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:22 PM

Quant Time: Nov 12 05:46:51 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	7.95	168	285581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	226093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104129	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.89	113	108690	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.33	98	461749	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.62	95	174061	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	116317	50.095	ug/l	96
3) Chloromethane	2.21	50	144394	51.801	ug/l	99
4) Vinyl Chloride	2.35	62	155094	52.924	ug/l	99
5) Bromomethane	2.78	94	113961	57.373	ug/l	100
6) Chloroethane	2.92	64	101434	52.890	ug/l	97
7) Trichlorofluoromethane	3.26	101	187955	51.046	ug/l	98
8) Diethyl Ether	3.69	74	59655	55.691	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	120857	49.398	ug/l	99
10) Methyl Iodide	4.28	142	194029	57.084	ug/l	99
11) Tert butyl alcohol	5.21	59	37369	271.272	ug/l	100
12) 1,1-Dichloroethene	4.04	96	105829	51.875	ug/l	99
13) Acrolein	3.90	56	31801	221.657	ug/l	99
14) Allyl chloride	4.68	41	145676	52.971	ug/l	99
15) Acrylonitrile	5.38	53	125010	291.560	ug/l	99
16) Acetone	4.15	43	98173	324.040	ug/l	96
17) Carbon Disulfide	4.39	76	366073	54.397	ug/l	100
18) Methyl Acetate	4.68	43	68918	64.824	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	286150	57.267	ug/l	98
20) Methylene Chloride	4.92	84	161715	67.082	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	126770	51.950	ug/l	97
22) Diisopropyl ether	6.32	45	324134	55.927	ug/l	98
23) Vinyl Acetate	6.26	43	764616	231.319	ug/l	100
24) 1,1-Dichloroethane	6.22	63	200901	52.989	ug/l	97
25) 2-Butanone	7.18	43	146773	293.412	ug/l	100
26) 2,2-Dichloropropane	7.17	77	178575	49.436	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	139261	53.261	ug/l	99
28) Bromochloromethane	7.52	49	73990	52.104	ug/l	99
29) Tetrahydrofuran	7.54	42	95291	290.643	ug/l	100
30) Chloroform	7.68	83	223016	53.087	ug/l	99
31) Cyclohexane	7.96	56	189738	48.592	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	204432	51.275	ug/l	99
36) 1,1-Dichloropropene	8.09	75	177591	50.109	ug/l	99
37) Ethyl Acetate	7.26	43	67259	53.439	ug/l	100
38) Carbon Tetrachloride	8.07	117	188539	49.790	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	224578	49.769	ug/l	96
40) Benzene	8.33	78	525142	52.473	ug/l	98
41) Methacrylonitrile	7.49	41	42345	57.991	ug/l	90
42) 1,2-Dichloroethane	8.40	62	144705	53.120	ug/l	100
43) Isopropyl Acetate	8.43	43	131568	55.761	ug/l	100
44) Trichloroethene	9.10	130	155485	50.531	ug/l	96
45) 1,2-Dichloropropane	9.37	63	124044	52.775	ug/l	99
46) Dibromomethane	9.46	93	71613	54.268	ug/l	99
47) Bromodichloromethane	9.65	83	168568	52.642	ug/l	98
48) Methyl methacrylate	9.44	41	67300	60.563	ug/l	98
49) 1,4-Dioxane	9.48	88	22331	1130.334	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	356834	294.361	ug/l	99
52) Toluene	10.39	92	390519	55.502	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	173371	55.836	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	200041	54.339	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	107240	55.164	ug/l	99
56) Ethyl methacrylate	10.65	69	124993	58.225	ug/l	96
57) 1,3-Dichloropropane	10.93	76	169507	54.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	297508	278.282	ug/l	100
59) 2-Hexanone	10.98	43	252756	307.661	ug/l	100
60) Dibromochloromethane	11.13	129	130070	55.662	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104022	55.617	ug/l	98
64) Tetrachloroethene	10.87	164	151930	50.504	ug/l	99
65) Chlorobenzene	11.66	112	442388	52.758	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	143178	53.302	ug/l	100
67) Ethyl Benzene	11.74	91	750258	53.186	ug/l	100
68) m/p-Xylenes	11.84	106	610872	106.169	ug/l	100
69) o-Xylene	12.17	106	287749	54.322	ug/l	100
70) Styrene	12.18	104	476451	55.337	ug/l	100
71) Bromoform	12.35	173	83760	56.292	ug/l	100
73) Isopropylbenzene	12.47	105	770414	52.961	ug/l	99
74) N-amyl acetate	12.28	43	132050	55.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	122444	56.498	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75497m	45.789	ug/l	
77) Bromobenzene	12.75	156	204490	54.366	ug/l	100
78) n-propylbenzene	12.81	91	894023	51.723	ug/l	100
79) 2-Chlorotoluene	12.90	91	510235	52.401	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	662305	52.547	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34916	56.305	ug/l	98
82) 4-Chlorotoluene	12.99	91	546132	52.479	ug/l	100
83) tert-Butylbenzene	13.21	119	578278	53.097	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	683456	52.926	ug/l	99
85) sec-Butylbenzene	13.39	105	809464	51.931	ug/l	100
86) p-Isopropyltoluene	13.51	119	741446	52.149	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	398330	52.126	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393260	51.670	ug/l	100
89) n-Butylbenzene	13.83	91	654864	49.904	ug/l	99
90) Hexachloroethane	14.10	117	119656	53.645	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	358891	53.685	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19939	56.977	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	258028	52.140	ug/l	99
94) Hexachlorobutadiene	15.24	225	150148	48.210	ug/l	99
95) Naphthalene	15.38	128	446686	58.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	230968	53.953	ug/l	99

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

