

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005254.D
 Acq On : 10 Sep 2018 21:19
 Operator : SY/AP
 Sample : J4821-03MSD
 Misc : 13.70G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:10:05 AM

Quant Time: Sep 11 04:21:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	509719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	772307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	762583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	396928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	196831	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.89	113	193448	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.33	98	1048570	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.63	95	373885	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	205169	46.66	ug/l	99
3) Chloromethane	2.22	50	293408	49.91	ug/l	98
4) Vinyl Chloride	2.36	62	280063	51.90	ug/l	97
5) Bromomethane	2.76	94	181593	55.82	ug/l	93
6) Chloroethane	2.92	64	151154	50.85	ug/l	93
7) Trichlorofluoromethane	3.26	101	294335	48.21	ug/l	97
8) Diethyl Ether	3.69	74	110669	50.87	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	210091	48.18	ug/l	98
10) Methyl Iodide	4.28	142	270930	49.99	ug/l	99
11) Tert butyl alcohol	5.17	59	74130	237.77	ug/l	100
12) 1,1-Dichloroethene	4.04	96	197876	49.28	ug/l	99
13) Acrolein	3.90	56	67678	224.72	ug/l	100
14) Allyl chloride	4.68	41	306701	49.71	ug/l	99
15) Acrylonitrile	5.37	53	253129	257.88	ug/l	99
16) Acetone	4.13	43	207045	293.40	ug/l	99
17) Carbon Disulfide	4.39	76	695524	49.35	ug/l	97
18) Methyl Acetate	4.68	43	110713	52.56	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	506471	52.96	ug/l	98
20) Methylene Chloride	4.92	84	279306	53.49	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	225393	48.08	ug/l	95
22) Diisopropyl ether	6.32	45	689539	55.52	ug/l	97
23) Vinyl Acetate	6.26	43	1905517	275.29	ug/l	99
24) 1,1-Dichloroethane	6.23	63	394213	51.56	ug/l	98
25) 2-Butanone	7.18	43	287842	258.60	ug/l	94
26) 2,2-Dichloropropane	7.18	77	306845	46.29	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	251991	50.23	ug/l	99
28) Bromochloromethane	7.52	49	150309	53.29	ug/l	97
29) Tetrahydrofuran	7.54	42	198611	264.77	ug/l	99
30) Chloroform	7.68	83	420815	54.85	ug/l	100
31) Cyclohexane	7.96	56	413927	50.88	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	357976	51.64	ug/l	100
36) 1,1-Dichloropropene	8.09	75	340545	48.13	ug/l	99
37) Ethyl Acetate	7.26	43	131813	48.98	ug/l	99
38) Carbon Tetrachloride	8.07	117	311841	47.05	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	443430	47.20	ug/l	96
40) Benzene	8.33	78	1060690	50.88	ug/l	98
41) Methacrylonitrile	7.50	41	72503	52.51	ug/l	96
42) 1,2-Dichloroethane	8.41	62	244692	49.07	ug/l	99
43) Isopropyl Acetate	8.43	43	260342	52.09	ug/l	99
44) Trichloroethene	9.10	130	280365	49.03	ug/l	95
45) 1,2-Dichloropropane	9.38	63	260744	52.04	ug/l	94
46) Dibromomethane	9.46	93	119962	48.91	ug/l	98
47) Bromodichloromethane	9.65	83	301033	50.18	ug/l	97
48) Methyl methacrylate	9.44	41	136041	52.42	ug/l	92
49) 1,4-Dioxane	9.45	88	47237	1031.59	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	772341	274.61	ug/l	99
52) Toluene	10.40	92	777759	51.34	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	331760	51.17	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	381191	49.09	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	196641	50.29	ug/l	98
56) Ethyl methacrylate	10.65	69	274185	55.31	ug/l	99
57) 1,3-Dichloropropane	10.94	76	329424	50.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	565504	262.44	ug/l	100
59) 2-Hexanone	10.98	43	550189	271.35	ug/l	99
60) Dibromochloromethane	11.13	129	218244	50.30	ug/l	100
61) 1,2-Dibromoethane	11.24	107	182454	50.88	ug/l	99
64) Tetrachloroethene	10.87	164	288958	51.07	ug/l	99
65) Chlorobenzene	11.66	112	836957	50.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	253527	50.83	ug/l	99
67) Ethyl Benzene	11.74	91	1493513	51.34	ug/l	98
68) m/p-Xylenes	11.85	106	1181162	100.75	ug/l	99
69) o-Xylene	12.17	106	559693	51.31	ug/l	99
70) Styrene	12.19	104	926072	52.03	ug/l	100
71) Bromoform	12.35	173	136700	50.55	ug/l #	98
73) Isopropylbenzene	12.48	105	1492167	53.21	ug/l	100
74) N-amyl acetate	12.28	43	313072	58.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	230409	54.67	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	159441m	52.22	ug/l	
77) Bromobenzene	12.76	156	351351	53.18	ug/l	98
78) n-propylbenzene	12.81	91	1768626	52.51	ug/l	99
79) 2-Chlorotoluene	12.90	91	1016795	52.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1249420	52.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	67387	51.77	ug/l	98
82) 4-Chlorotoluene	13.00	91	1064073	52.41	ug/l	99
83) tert-Butylbenzene	13.21	119	1101839	52.75	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1257910	52.42	ug/l	99
85) sec-Butylbenzene	13.39	105	1540471	51.32	ug/l	99
86) p-Isopropyltoluene	13.51	119	1361873	51.25	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	700116	50.46	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	690140	50.65	ug/l	99
89) n-Butylbenzene	13.83	91	1240715	49.67	ug/l	98
90) Hexachloroethane	14.10	117	215661	50.66	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	629617	51.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	38189	54.49	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	396467	45.96	ug/l	99
94) Hexachlorobutadiene	15.25	225	227532	41.19	ug/l	99
95) Naphthalene	15.38	128	724694	51.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	347169	46.77	ug/l	100

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

