

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005253.D
 Acq On : 10 Sep 2018 20:54
 Operator : SY/AP
 Sample : J4821-02MS
 Misc : 13.18G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:10:01 AM

Quant Time: Sep 11 04:18:52 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	431445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	655511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	675633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	357852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	194264	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.89	113	188567	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
50) Toluene-d8	10.33	98	979176	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.63	95	358297	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	195916	52.64	ug/l	99
3) Chloromethane	2.22	50	287772	57.83	ug/l	98
4) Vinyl Chloride	2.36	62	259738	56.86	ug/l	98
5) Bromomethane	2.76	94	172930	63.20	ug/l	96
6) Chloroethane	2.92	64	143545	57.05	ug/l	99
7) Trichlorofluoromethane	3.26	101	281623	54.50	ug/l	98
8) Diethyl Ether	3.69	74	113242	61.49	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	197476	53.50	ug/l	99
10) Methyl Iodide	4.28	142	240522	52.27	ug/l	100
11) Tert butyl alcohol	5.17	59	92522	350.59	ug/l	99
12) 1,1-Dichloroethene	4.04	96	187037	55.03	ug/l	100
13) Acrolein	3.90	56	75103	294.62	ug/l	98
14) Allyl chloride	4.68	41	300325	57.51	ug/l	99
15) Acrylonitrile	5.37	53	301549	362.94	ug/l	99
16) Acetone	4.13	43	269731	451.58	ug/l	98
17) Carbon Disulfide	4.39	76	685683	57.48	ug/l	99
18) Methyl Acetate	4.68	43	129908	72.86	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	536680	66.30	ug/l	98
20) Methylene Chloride	4.93	84	280232	64.05	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	220942	55.68	ug/l	97
22) Diisopropyl ether	6.32	45	654868	62.29	ug/l	95
23) Vinyl Acetate	6.26	43	1860263	317.51	ug/l	100
24) 1,1-Dichloroethane	6.23	63	370494	57.25	ug/l	99
25) 2-Butanone	7.18	43	357200	379.13	ug/l	96
26) 2,2-Dichloropropane	7.18	77	292991	52.22	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	241578	56.89	ug/l	99
28) Bromochloromethane	7.52	49	143995	60.31	ug/l #	97
29) Tetrahydrofuran	7.54	42	233568	367.87	ug/l	99
30) Chloroform	7.68	83	402834	62.03	ug/l	99
31) Cyclohexane	7.96	56	376793	54.72	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	329082	56.09	ug/l	99
36) 1,1-Dichloropropene	8.09	75	321243	53.49	ug/l	100
37) Ethyl Acetate	7.26	43	152987	66.97	ug/l	100
38) Carbon Tetrachloride	8.07	117	295146	52.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	380262	47.69	ug/l	98
40) Benzene	8.33	78	984746	55.66	ug/l	99
41) Methacrylonitrile	7.49	41	81296	69.37	ug/l	95
42) 1,2-Dichloroethane	8.41	62	242848	57.37	ug/l	100
43) Isopropyl Acetate	8.43	43	284688	67.11	ug/l	100
44) Trichloroethene	9.10	130	260266	53.62	ug/l	99
45) 1,2-Dichloropropane	9.38	63	242020	56.91	ug/l	99
46) Dibromomethane	9.46	93	120345	57.81	ug/l	99
47) Bromodichloromethane	9.65	83	284706	55.91	ug/l	95
48) Methyl methacrylate	9.44	41	140550	63.81	ug/l	91
49) 1,4-Dioxane	9.45	88	52665	1355.05	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	870602	364.70	ug/l	100
52) Toluene	10.40	92	731220	56.86	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	342959	62.32	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	393414	59.70	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	202157	60.91	ug/l	99
56) Ethyl methacrylate	10.65	69	287833	68.40	ug/l	99
57) 1,3-Dichloropropane	10.94	76	345137	62.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	579396	316.80	ug/l	99
59) 2-Hexanone	10.98	43	638413	370.97	ug/l	99
60) Dibromochloromethane	11.13	129	227278	61.71	ug/l	98
61) 1,2-Dibromoethane	11.24	107	193615	63.61	ug/l	98
64) Tetrachloroethene	10.87	164	311928	62.23	ug/l	99
65) Chlorobenzene	11.66	112	792091	53.52	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	242557	54.89	ug/l	99
67) Ethyl Benzene	11.74	91	1374980	53.35	ug/l	99
68) m/p-Xylenes	11.85	106	1101724	106.07	ug/l	99
69) o-Xylene	12.17	106	517685	53.57	ug/l	97
70) Styrene	12.19	104	880016	55.81	ug/l	99
71) Bromoform	12.35	173	147298	61.47	ug/l #	99
73) Isopropylbenzene	12.47	105	1345677	53.22	ug/l	100
74) N-amyl acetate	12.28	43	336716	69.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	245628	64.64	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	174083m	63.25	ug/l	
77) Bromobenzene	12.76	156	338479	56.82	ug/l	97
78) n-propylbenzene	12.81	91	1599803	52.68	ug/l	99
79) 2-Chlorotoluene	12.90	91	939826	53.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1126447	52.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	78625	66.99	ug/l	99
82) 4-Chlorotoluene	12.99	91	984139	53.77	ug/l	99
83) tert-Butylbenzene	13.21	119	959353	50.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1160194	53.63	ug/l	98
85) sec-Butylbenzene	13.39	105	1312589	48.50	ug/l	100
86) p-Isopropyltoluene	13.51	119	1179280	49.23	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	657366	52.56	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	654166	53.25	ug/l	99
89) n-Butylbenzene	13.83	91	1029428	45.71	ug/l	98
90) Hexachloroethane	14.10	117	185037	48.21	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	609928	55.48	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43841	69.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	365109	46.95	ug/l	99
94) Hexachlorobutadiene	15.25	225	153711	30.87	ug/l	99
95) Naphthalene	15.38	128	788976	62.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	330954	49.46	ug/l	99

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

