

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005323.D
 Acq On : 13 Oct 2018 05:24
 Operator : JC/MD
 Sample : J5429-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:06:20 AM

Quant Time: Oct 15 00:59:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144541	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	5.51	113	116207	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.72	98	438503	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	161398	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99625	51.77	ug/l	98
3) Chloromethane	1.32	50	141545	50.76	ug/l	100
4) Vinyl Chloride	1.41	62	145881	51.65	ug/l	99
5) Bromomethane	1.64	94	81656	51.17	ug/l	99
6) Chloroethane	1.71	64	92587	56.16	ug/l	100
7) Trichlorofluoromethane	1.93	101	201770	53.53	ug/l	95
8) Diethyl Ether	2.19	74	84781	52.67	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111385	51.20	ug/l	97
10) Methyl Iodide	2.51	142	140703	58.53	ug/l	98
11) Tert butyl alcohol	3.08	59	188286	244.36	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112388	52.14	ug/l	95
13) Acrolein	2.30	56	110845	225.22	ug/l	96
14) Allyl chloride	2.73	41	240140	50.74	ug/l	95
15) Acrylonitrile	3.15	53	453415	259.68	ug/l	98
16) Acetone	2.45	43	410557	259.95	ug/l	96
17) Carbon Disulfide	2.57	76	335641	51.40	ug/l	99
18) Methyl Acetate	2.78	43	308384	68.63	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	415194	54.69	ug/l	97
20) Methylene Chloride	2.86	84	133672	58.30	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123169	51.56	ug/l	97
22) Diisopropyl ether	3.87	45	399504	50.26	ug/l	95
23) Vinyl Acetate	3.82	43	1434924	206.53	ug/l	96
24) 1,1-Dichloroethane	3.70	63	243240	53.39	ug/l	98
25) 2-Butanone	4.70	43	580659	251.28	ug/l	95
26) 2,2-Dichloropropane	4.59	77	106854	31.36	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	133621	51.47	ug/l	99
28) Bromochloromethane	5.02	49	106248	51.16	ug/l	95
29) Tetrahydrofuran	5.15	42	374521	254.09	ug/l	94
30) Chloroform	5.21	83	220863	52.23	ug/l	96
31) Cyclohexane	5.57	56	190062	50.62	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	191365	52.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160649	45.19	ug/l	99
37) Ethyl Acetate	4.86	43	173924	38.04	ug/l	98
38) Carbon Tetrachloride	5.78	117	171867	48.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180453	46.90	ug/l	96
40) Benzene	6.14	78	497137	46.61	ug/l	99
41) Methacrylonitrile	5.06	41	118893	48.50	ug/l	96
42) 1,2-Dichloroethane	6.20	62	178834	47.49	ug/l	97
43) Isopropyl Acetate	6.46	43	275217	45.19	ug/l	97
44) Trichloroethene	7.21	130	134786	49.49	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131946	50.44	ug/l	97
46) Dibromomethane	7.66	93	85946	49.78	ug/l	98
47) Bromodichloromethane	7.90	83	166915	52.26	ug/l	98
48) Methyl methacrylate	7.77	41	165044	52.25	ug/l	94
49) 1,4-Dioxane	7.75	88	65545	899.61	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1122660	266.21	ug/l	94
52) Toluene	8.79	92	314267	53.86	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	173847	50.30	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	182674	48.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130461	52.79	ug/l	99
56) Ethyl methacrylate	9.18	69	199936	55.50	ug/l	96
57) 1,3-Dichloropropane	9.37	76	215968	52.36	ug/l	100
59) 2-Hexanone	9.50	43	889938	262.34	ug/l	94
60) Dibromochloromethane	9.59	129	139192	54.49	ug/l	100
61) 1,2-Dibromoethane	9.67	107	135502	52.24	ug/l	99
64) Tetrachloroethene	9.34	164	129305	46.24	ug/l	98
65) Chlorobenzene	10.14	112	357056	48.33	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	131157	49.82	ug/l	98
67) Ethyl Benzene	10.25	91	604351	50.32	ug/l	96
68) m/p-Xylenes	10.36	106	471098	101.05	ug/l	95
69) o-Xylene	10.70	106	226830	50.45	ug/l	97
70) Styrene	10.71	104	385070	52.07	ug/l	97
71) Bromoform	10.86	173	116774	49.63	ug/l #	99
73) Isopropylbenzene	11.02	105	613232	51.77	ug/l	99
74) N-amyl acetate	10.90	43	238418	41.73	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	215586	48.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	195738m	50.64	ug/l	
77) Bromobenzene	11.26	156	168308	49.69	ug/l	100
78) n-propylbenzene	11.36	91	699729	51.33	ug/l	100
79) 2-Chlorotoluene	11.42	91	419463	50.25	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	520674	51.33	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	54107	42.54	ug/l	98
82) 4-Chlorotoluene	11.51	91	496150	50.14	ug/l	100
83) tert-Butylbenzene	11.77	119	532775	51.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	543126	52.03	ug/l	98
85) sec-Butylbenzene	11.94	105	622332	51.20	ug/l	99
86) p-Isopropyltoluene	12.07	119	561827	51.14	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	306900	48.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313198	48.38	ug/l	99
89) n-Butylbenzene	12.39	91	480997	48.22	ug/l	98
90) Hexachloroethane	12.60	117	94589	49.95	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	313507	48.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52665	48.32	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	235765	49.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	116295	46.47	ug/l	96
95) Naphthalene	13.83	128	745297	54.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	244313	50.39	ug/l	99

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

