

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX100818\
 Data File : VX005135.D
 Acq On : 08 Oct 2018 18:43
 Operator : JC/MD
 Sample : J5284-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MS

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:51 PM

Quant Time: Oct 09 07:24:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175631	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143836	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	119730	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	443793	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
62) 4-Bromofluorobenzene	11.14	95	167988	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	131524	48.82	ug/l	99
3) Chloromethane	1.32	50	147187	45.03	ug/l	98
4) Vinyl Chloride	1.40	62	151666	49.47	ug/l	99
5) Bromomethane	1.64	94	91610	50.39	ug/l	95
6) Chloroethane	1.71	64	96251	57.98	ug/l	96
7) Trichlorofluoromethane	1.92	101	203236	53.55	ug/l	96
8) Diethyl Ether	2.19	74	83670	50.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134711	62.31	ug/l	99
10) Methyl Iodide	2.51	142	95181	32.90	ug/l	92
11) Tert butyl alcohol	3.08	59	208604	264.31	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119629	55.88	ug/l	97
13) Acrolein	2.29	56	41372	73.68	ug/l	89
14) Allyl chloride	2.72	41	243742	52.18	ug/l	96
15) Acrylonitrile	3.15	53	468261	269.52	ug/l	97
16) Acetone	2.45	43	412103	250.08	ug/l	93
17) Carbon Disulfide	2.56	76	279531	43.45	ug/l	100
18) Methyl Acetate	2.78	43	253643	60.75	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	420329	56.92	ug/l	96
20) Methylene Chloride	2.85	84	128154	53.55	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	116226	49.59	ug/l	85
22) Diisopropyl ether	3.87	45	415771	52.85	ug/l	97
23) Vinyl Acetate	3.82	43	1668526	231.72	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232485	49.55	ug/l	99
25) 2-Butanone	4.71	43	613210	252.45	ug/l	97
26) 2,2-Dichloropropane	4.58	77	135245	41.39	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	138743	52.99	ug/l	96
28) Bromochloromethane	5.02	49	110659	50.08	ug/l	98
29) Tetrahydrofuran	5.16	42	400694	265.41	ug/l	98
30) Chloroform	5.21	83	220530	49.73	ug/l	99
31) Cyclohexane	5.57	56	185514	51.66	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	190194	52.51	ug/l	95
36) 1,1-Dichloropropene	5.80	75	158259	47.04	ug/l	95
37) Ethyl Acetate	4.86	43	201045	45.02	ug/l	98
38) Carbon Tetrachloride	5.78	117	167078	47.24	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178249	51.89	ug/l #	83
40) Benzene	6.14	78	483577	45.91	ug/l	95
41) Methacrylonitrile	5.06	41	123046	49.68	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176245	47.33	ug/l	97
43) Isopropyl Acetate	6.46	43	313478	48.63	ug/l	97
44) Trichloroethene	7.21	130	587385	226.85	ug/l	97
45) 1,2-Dichloropropane	7.52	63	135703	52.54	ug/l	98
46) Dibromomethane	7.66	93	84428	52.01	ug/l	99
47) Bromodichloromethane	7.90	83	167767	55.20	ug/l	99
48) Methyl methacrylate	7.78	41	170250	58.19	ug/l	99
49) 1,4-Dioxane	7.76	88	76930	1058.39	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1163088	286.57	ug/l	99
52) Toluene	8.79	92	303030	52.36	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	178093	51.85	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	188942	52.52	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130874	51.62	ug/l	96
56) Ethyl methacrylate	9.18	69	204767	49.79	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216796	51.38	ug/l	99
59) 2-Hexanone	9.50	43	923464	273.04	ug/l	95
60) Dibromochloromethane	9.59	129	136817	53.96	ug/l	98
61) 1,2-Dibromoethane	9.68	107	134084	49.38	ug/l	95
64) Tetrachloroethene	9.34	164	126959	46.20	ug/l	95
65) Chlorobenzene	10.14	112	345906	48.31	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	128345	50.99	ug/l	99
67) Ethyl Benzene	10.26	91	587687	51.70	ug/l	96
68) m/p-Xylenes	10.36	106	457390	102.97	ug/l	96
69) o-Xylene	10.70	106	218543	53.57	ug/l	99
70) Styrene	10.71	104	374801	49.16	ug/l	99
71) Bromoform	10.86	173	111994	51.97	ug/l	96
73) Isopropylbenzene	11.02	105	602593	54.43	ug/l	100
74) N-amyl acetate	10.90	43	270265	44.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	217482	48.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	198694m	50.47	ug/l	
77) Bromobenzene	11.26	156	161076	50.09	ug/l	99
78) n-propylbenzene	11.36	91	688360	54.19	ug/l	99
79) 2-Chlorotoluene	11.42	91	410256	51.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	512638	50.53	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57540	40.27	ug/l	98
82) 4-Chlorotoluene	11.51	91	487303	52.29	ug/l	99
83) tert-Butylbenzene	11.77	119	517194	56.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	526053	50.28	ug/l	100
85) sec-Butylbenzene	11.94	105	614643	55.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	548470	54.53	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	298076	49.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	301753	48.69	ug/l	100
89) n-Butylbenzene	12.39	91	474184	51.91	ug/l	99
90) Hexachloroethane	12.60	117	89892	53.68	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	304333	48.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52665	53.23	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	225259	51.18	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	110157	48.26	ug/l	99
95) Naphthalene	13.83	128	741001	50.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238965	52.56	ug/l	99

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

