

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006948.D
 Acq On : 08 Jan 2019 11:32
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:24:48 AM

Quant Time: Jan 08 13:21:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 13:13:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	664076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	964887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	850059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	434019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	5037	0.829 ug/l	94
3) Chloromethane	1.33	50	6854	1.047 ug/l #	74
4) Vinyl Chloride	1.41	62	7688	1.125 ug/l	97
5) Bromomethane	1.65	94	8289	1.115 ug/l	81
6) Chloroethane	1.73	64	5185	1.095 ug/l	91
7) Trichlorofluoromethane	1.93	101	12451	1.168 ug/l	91
8) Diethyl Ether	2.19	74	5221	1.233 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7882	1.260 ug/l	92
12) 1,1-Dichloroethene	2.38	96	6774	1.142 ug/l	88
14) Allyl chloride	2.73	41	11394	1.141 ug/l	97
15) Acrylonitrile	3.15	53	21262	5.995 ug/l	97
16) Acetone	2.45	43	21420	6.514 ug/l	98
17) Carbon Disulfide	2.57	76	18624	1.186 ug/l	97
18) Methyl Acetate	2.78	43	11870	1.228 ug/l #	80
19) Methyl tert-butyl Ether	3.20	73	22657	1.151 ug/l	98
20) Methylene Chloride	2.86	84	9707	1.428 ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	8559	1.302 ug/l	92
22) Diisopropyl ether	3.87	45	21578	1.181 ug/l	92
23) Vinyl Acetate	3.82	43	90511	6.056 ug/l	97
24) 1,1-Dichloroethane	3.70	63	11874	1.089 ug/l #	85
25) 2-Butanone	4.69	43	27751	6.000 ug/l	100
26) 2,2-Dichloropropane	4.59	77	9340	1.109 ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	8745	1.206 ug/l	96
28) Bromochloromethane	5.02	49	5621m	1.121 ug/l	
29) Tetrahydrofuran	5.15	42	18358	6.026 ug/l	95
30) Chloroform	5.21	83	12699	1.124 ug/l	89
31) Cyclohexane	5.58	56	10894	1.099 ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	10040	1.053 ug/l #	48
36) 1,1-Dichloropropene	5.81	75	9265	1.159 ug/l #	90
37) Ethyl Acetate	4.85	43	9312	1.120 ug/l #	87
38) Carbon Tetrachloride	5.77	117	9116	1.174 ug/l	85
39) Methylcyclohexane	7.46	83	12607	1.198 ug/l	94
40) Benzene	6.15	78	28666	1.180 ug/l	95
41) Methacrylonitrile	5.06	41	6523	1.477 ug/l #	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006948.D
 Acq On : 08 Jan 2019 11:32
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:24:48 AM

Quant Time: Jan 08 13:21:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 13:13:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.20	62	10597	1.280	ug/l	92
43) Isopropyl Acetate	6.46	43	14942	1.181	ug/l	96
44) Trichloroethene	7.21	130	9402	1.279	ug/l	66
45) 1,2-Dichloropropane	7.51	63	6741	1.140	ug/l	97
46) Dibromomethane	7.66	93	5057	1.163	ug/l	96
47) Bromodichloromethane	7.90	83	7786	1.079	ug/l #	83
48) Methyl methacrylate	7.77	41	8281	1.287	ug/l	89
49) 1,4-Dioxane	7.76	88	5155	28.309	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	48672	6.044	ug/l	100
52) Toluene	8.79	92	18482	1.178	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	8439	1.090	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	9222	1.086	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	7022	1.093	ug/l	98
56) Ethyl methacrylate	9.18	69	9905	1.091	ug/l	92
57) 1,3-Dichloropropane	9.37	76	11947	1.156	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.31	63	24258	5.026	ug/l	98
59) 2-Hexanone	9.49	43	35693	5.793	ug/l	96
60) Dibromochloromethane	9.59	129	5600	0.946	ug/l	96
61) 1,2-Dibromoethane	9.67	107	7810	1.144	ug/l	98
64) Tetrachloroethene	9.34	164	8896	1.322	ug/l	94
65) Chlorobenzene	10.13	112	20831	1.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	5659	1.009	ug/l #	64
67) Ethyl Benzene	10.25	91	34802	1.184	ug/l	99
68) m/p-Xylenes	10.36	106	26929	2.322	ug/l	95
69) o-Xylene	10.70	106	13324	1.164	ug/l	99
70) Styrene	10.71	104	19578	1.081	ug/l	99
71) Bromoform	10.86	173	3870	0.906	ug/l #	96
73) Isopropylbenzene	11.02	105	33634	1.133	ug/l	100
74) N-amyl acetate	10.90	43	12265	1.154	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	10327	1.169	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	9382m	1.163	ug/l	
77) Bromobenzene	11.26	156	9743	1.214	ug/l	99
78) n-propylbenzene	11.36	91	35832	1.096	ug/l	100
79) 2-Chlorotoluene	11.42	91	23846	1.203	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	28729	1.175	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	1864	0.828	ug/l #	57
82) 4-Chlorotoluene	11.51	91	25576	1.125	ug/l	97
83) tert-Butylbenzene	11.77	119	27720	1.132	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	27351	1.063	ug/l	98
85) sec-Butylbenzene	11.94	105	33900	1.130	ug/l	98
86) p-Isopropyltoluene	12.06	119	29622	1.123	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	18673	1.291	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	20206m	1.362	ug/l	
89) n-Butylbenzene	12.39	91	24713	1.101	ug/l	97
90) Hexachloroethane	12.60	117	3103	0.863	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	17456	1.206	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1880	1.029	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	11590	1.161	ug/l	95
94) Hexachlorobutadiene	13.79	225	5316	1.130	ug/l	95
95) Naphthalene	13.83	128	34682	1.089	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010819\
Data File : VX006948.D
Acq On : 08 Jan 2019 11:32
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:24:48 AM

Quant Time: Jan 08 13:21:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 13:13:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	11759	1.141	ug/l	98

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

