

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004721.D
 Acq On : 26 Sep 2018 11:32
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:30:57 PM

Quant Time: Oct 03 04:10:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	299776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	425023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238132	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	3769	0.783 ug/l	97
3) Chloromethane	1.32	50	5475	1.033 ug/l	99
4) Vinyl Chloride	1.40	62	4623	0.928 ug/l	97
5) Bromomethane	1.64	94	3178	1.110 ug/l	97
6) Chloroethane	1.72	64	3798	1.394 ug/l #	84
7) Trichlorofluoromethane	1.93	101	5871	0.921 ug/l	95
8) Diethyl Ether	2.18	74	3071	1.265 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3889	1.224 ug/l	94
12) 1,1-Dichloroethene	2.37	96	3604	1.146 ug/l	88
14) Allyl chloride	2.73	41	7404	1.011 ug/l	96
15) Acrylonitrile	3.15	53	14675	5.314 ug/l	95
16) Acetone	2.45	43	15671	6.017 ug/l	99
17) Carbon Disulfide	2.57	76	10309	1.027 ug/l	98
18) Methyl Acetate	2.78	43	7675	1.210 ug/l	97
19) Methyl tert-butyl Ether	3.21	73	12115	1.096 ug/l	93
20) Methylene Chloride	2.85	84	5268	1.276 ug/l #	96
21) trans-1,2-Dichloroethene	3.16	96	4240	1.146 ug/l	98
22) Diisopropyl ether	3.87	45	12280	0.995 ug/l	98
23) Vinyl Acetate	3.82	43	53541	4.572 ug/l	97
24) 1,1-Dichloroethane	3.70	63	8248	1.109 ug/l	97
25) 2-Butanone	4.70	43	18839	4.975 ug/l	95
26) 2,2-Dichloropropane	4.58	77	5373	1.087 ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	4411	1.069 ug/l	93
28) Bromochloromethane	5.01	49	3875	1.187 ug/l	90
29) Tetrahydrofuran	5.15	42	11201	4.579 ug/l	90
30) Chloroform	5.21	83	7564	1.169 ug/l	88
31) Cyclohexane	5.57	56	4942	0.811 ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	5977	1.081 ug/l #	49
36) 1,1-Dichloropropene	5.80	75	5147	1.051 ug/l	96
37) Ethyl Acetate	4.85	43	6349	0.948 ug/l #	85
38) Carbon Tetrachloride	5.77	117	6472	1.253 ug/l #	79
39) Methylcyclohexane	7.46	83	4973	0.990 ug/l	91
40) Benzene	6.14	78	15373	1.019 ug/l	98
41) Methacrylonitrile	5.05	41	3524	0.914 ug/l #	59

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

42) 1,2-Dichloroethane	6.19	62	6082	1.123	ug/l	98
43) Isopropyl Acetate	6.46	43	8443	0.819	ug/l	97
44) Trichloroethene	7.21	130	4761	1.355	ug/l	94
45) 1,2-Dichloropropane	7.51	63	4484	1.242	ug/l	97
46) Dibromomethane	7.66	93	2953	1.312	ug/l	95
47) Bromodichloromethane	7.90	83	4866	1.129	ug/l	91
48) Methyl methacrylate	7.77	41	3984	0.896	ug/l	91
49) 1,4-Dioxane	7.75	88	2127	19.059	ug/l #	82
51) 4-Methyl-2-Pentanone	8.65	43	25875	4.242	ug/l	92
52) Toluene	8.79	92	7865	0.907	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	4581	0.844	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	5069	0.954	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	4167	1.101	ug/l	93
56) Ethyl methacrylate	9.18	69	4138	0.718	ug/l	96
57) 1,3-Dichloropropane	9.38	76	6745	1.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	11313	3.673	ug/l	95
59) 2-Hexanone	9.50	43	20030	3.678	ug/l	81
60) Dibromochloromethane	9.59	129	3703	0.895	ug/l	97
61) 1,2-Dibromoethane	9.67	107	4013	0.934	ug/l	95
64) Tetrachloroethene	9.34	164	4487	1.053	ug/l	98
65) Chlorobenzene	10.14	112	11346	1.061	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	3854	1.032	ug/l #	62
67) Ethyl Benzene	10.25	91	14695	0.860	ug/l	97
68) m/p-Xylenes	10.36	106	10620	1.519	ug/l	96
69) o-Xylene	10.70	106	5201	0.822	ug/l	97
70) Styrene	10.71	104	7833	0.723	ug/l	95
71) Bromoform	10.86	173	2903	0.866	ug/l #	97
73) Isopropylbenzene	11.02	105	12436	0.743	ug/l	97
74) N-amyl acetate	10.90	43	5835	0.714	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	6720	1.116	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	5589m	1.013	ug/l	
77) Bromobenzene	11.26	156	4197	0.924	ug/l	93
78) n-propylbenzene	11.36	91	14034	0.725	ug/l	100
79) 2-Chlorotoluene	11.42	91	9538	0.821	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9685	0.672	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	1379	0.752	ug/l #	82
82) 4-Chlorotoluene	11.51	91	10210	0.739	ug/l	95
83) tert-Butylbenzene	11.77	119	10554	0.769	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	9776	0.659	ug/l	98
85) sec-Butylbenzene	11.94	105	11792	0.706	ug/l	98
86) p-Isopropyltoluene	12.07	119	10624	0.700	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	8222	0.976	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	8222	0.962	ug/l	98
89) n-Butylbenzene	12.39	91	10221	0.749	ug/l	94
90) Hexachloroethane	12.60	117	2298	1.012	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	8933	1.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1326	0.978	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	5330	0.843	ug/l	99
94) Hexachlorobutadiene	13.79	225	3452	1.138	ug/l	95
95) Naphthalene	13.83	128	12616	0.622	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5538	0.850	ug/l	98

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

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