

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004464.D
 Acq On : 11 Sep 2018 12:34
 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
 9/12/2018 11:26:01 AM

Quant Time: Sep 12 01:59:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 01:43:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	276852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175033	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	2392	0.92	ug/l	93
3) Chloromethane	1.32	50	3848	1.08	ug/l	99
4) Vinyl Chloride	1.40	62	3707	1.01	ug/l	99
5) Bromomethane	1.64	94	2339	1.34	ug/l	95
6) Chloroethane	1.72	64	2672	1.13	ug/l	93
7) Trichlorofluoromethane	1.93	101	5107	1.05	ug/l	99
8) Diethyl Ether	2.19	74	2064	0.95	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3186	1.03	ug/l	98
12) 1,1-Dichloroethene	2.37	96	3017	1.04	ug/l	90
14) Allyl chloride	2.73	41	6161	1.04	ug/l	92
15) Acrylonitrile	3.15	53	10609	5.17	ug/l	99
16) Acetone	2.44	43	10460	6.00	ug/l	99
17) Carbon Disulfide	2.57	76	7993	0.96	ug/l	97
18) Methyl Acetate	2.78	43	5637	1.15	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	10581	1.04	ug/l	98
20) Methylene Chloride	2.85	84	4375	1.22	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	3313	1.04	ug/l	95
22) Diisopropyl ether	3.87	45	11063	1.03	ug/l	95
23) Vinyl Acetate	3.82	43	39892	4.60	ug/l	99
24) 1,1-Dichloroethane	3.70	63	6366	1.05	ug/l #	92
25) 2-Butanone	4.70	43	15226	5.49	ug/l	96
26) 2,2-Dichloropropane	4.57	77	4489	1.08	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	3525	0.99	ug/l	91
28) Bromochloromethane	5.02	49	2659	0.96	ug/l #	97
29) Tetrahydrofuran	5.16	42	8410	5.03	ug/l	91
30) Chloroform	5.21	83	6145	1.04	ug/l	92
31) Cyclohexane	5.57	56	4383	0.85	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	4658	0.98	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	4573	1.02	ug/l	97
37) Ethyl Acetate	4.86	43	5237	1.02	ug/l #	95
38) Carbon Tetrachloride	5.78	117	4427	1.01	ug/l	92
39) Methylcyclohexane	7.46	83	4150	0.89	ug/l #	87
40) Benzene	6.13	78	13313	1.00	ug/l	93
41) Methacrylonitrile	5.07	41	2724	0.97	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	4877	1.10	ug/l	99
43) Isopropyl Acetate	6.46	43	6590	0.97	ug/l	99
44) Trichloroethene	7.21	130	3484	1.01	ug/l	84
45) 1,2-Dichloropropane	7.52	63	3077	0.96	ug/l	96
46) Dibromomethane	7.66	93	1985	0.98	ug/l	95
47) Bromodichloromethane	7.90	83	3613	0.94	ug/l	97
48) Methyl methacrylate	7.78	41	2787	0.83	ug/l	93
49) 1,4-Dioxane	7.76	88	1420	17.86	ug/l #	52
51) 4-Methyl-2-Pentanone	8.65	43	24016	5.01	ug/l	93
52) Toluene	8.79	92	7074	0.90	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	3937	0.88	ug/l	99
54) cis-1,3-Dichloropropene	8.45	75	3796	0.83	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	3482	1.03	ug/l	98
56) Ethyl methacrylate	9.18	69	3901	0.82	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	5692	1.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	7604	3.46	ug/l	95
59) 2-Hexanone	9.50	43	17673	4.81	ug/l	91
60) Dibromochloromethane	9.58	129	3059	0.96	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3340	1.03	ug/l	97
64) Tetrachloroethene	9.34	164	4489	1.13	ug/l	91
65) Chlorobenzene	10.14	112	8302	1.05	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	2668	0.98	ug/l #	66
67) Ethyl Benzene	10.25	91	11619	0.91	ug/l	92
68) m/p-Xylenes	10.36	106	8424	1.71	ug/l	91
69) o-Xylene	10.70	106	4143	0.87	ug/l	100
70) Styrene	10.71	104	6112	0.78	ug/l	97
71) Bromoform	10.86	173	2067	0.93	ug/l #	95
73) Isopropylbenzene	11.02	105	10543	0.91	ug/l	97
74) N-amyl acetate	10.90	43	4433	0.91	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	4124	1.11	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	3721m	1.09	ug/l	
77) Bromobenzene	11.26	156	3267	1.03	ug/l	96
78) n-propylbenzene	11.36	91	11727	0.88	ug/l	100
79) 2-Chlorotoluene	11.42	91	7850	0.98	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	8133	0.84	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.08	75	1028	0.93	ug/l	95
82) 4-Chlorotoluene	11.51	91	8391	0.89	ug/l	98
83) tert-Butylbenzene	11.77	119	8153	0.88	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	8018	0.81	ug/l	99
85) sec-Butylbenzene	11.94	105	10113	0.86	ug/l	96
86) p-Isopropyltoluene	12.07	119	8387	0.81	ug/l	90
87) 1,3-Dichlorobenzene	12.03	146	6075	1.02	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	6750m	1.10	ug/l	
89) n-Butylbenzene	12.39	91	8548	0.90	ug/l	94
90) Hexachloroethane	12.60	117	1617	0.97	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	6293	1.05	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	673	0.85	ug/l	88
93) 1,2,4-Trichlorobenzene	13.65	180	3835	0.90	ug/l	98
94) Hexachlorobutadiene	13.78	225	2406	1.08	ug/l	98
95) Naphthalene	13.83	128	9782	0.82	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4306	0.98	ug/l	95

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

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