

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004197.D
 Acq On : 22 Aug 2018 13:29
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 9:40:10 AM

Quant Time: Aug 23 05:04:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 04:40:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249654	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	3774	1.00	ug/l	90
3) Chloromethane	1.32	50	5787	1.32	ug/l	99
4) Vinyl Chloride	1.40	62	4475	1.05	ug/l	98
5) Bromomethane	1.64	94	4589	1.78	ug/l	97
6) Chloroethane	1.73	64	4804	1.47	ug/l #	84
7) Trichlorofluoromethane	1.93	101	6574	1.13	ug/l	94
8) Diethyl Ether	2.19	74	2716	1.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4416	1.21	ug/l	97
12) 1,1-Dichloroethene	2.37	96	4057	1.18	ug/l	96
14) Allyl chloride	2.73	41	6634	1.05	ug/l	96
15) Acrylonitrile	3.15	53	12879	5.76	ug/l	97
16) Acetone	2.45	43	13690	6.81	ug/l	98
17) Carbon Disulfide	2.57	76	14546	1.44	ug/l	100
18) Methyl Acetate	2.78	43	6833	1.09	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	12232	1.08	ug/l	97
20) Methylene Chloride	2.86	84	5196	1.27	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	4893	1.28	ug/l	88
22) Diisopropyl ether	3.87	45	12992	1.10	ug/l	97
23) Vinyl Acetate	3.82	43	49471	5.17	ug/l	100
24) 1,1-Dichloroethane	3.69	63	7538	1.10	ug/l	99
25) 2-Butanone	4.70	43	19668	6.26	ug/l	93
26) 2,2-Dichloropropane	4.58	77	5831	1.08	ug/l	76
27) cis-1,2-Dichloroethene	4.59	96	4901	1.13	ug/l	92
28) Bromochloromethane	5.02	49	3123	1.03	ug/l #	99
29) Tetrahydrofuran	5.17	42	10081	5.54	ug/l	99
30) Chloroform	5.21	83	7722	1.12	ug/l	94
31) Cyclohexane	5.57	56	6269	1.06	ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	5916	1.03	ug/l #	49
36) 1,1-Dichloropropene	5.79	75	6561	1.20	ug/l	99
37) Ethyl Acetate	4.86	43	5275	0.98	ug/l #	95
38) Carbon Tetrachloride	5.78	117	5320	1.03	ug/l	91
39) Methylcyclohexane	7.46	83	6991	1.12	ug/l	99
40) Benzene	6.14	78	17494	1.07	ug/l	96
41) Methacrylonitrile	5.06	41	3301	1.06	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	6077	1.09	ug/l	96
43) Isopropyl Acetate	6.46	43	7960	0.96	ug/l	100
44) Trichloroethene	7.21	130	5482	1.21	ug/l	97
45) 1,2-Dichloropropane	7.52	63	4375	1.07	ug/l	91
46) Dibromomethane	7.67	93	3032	1.11	ug/l	92
47) Bromodichloromethane	7.90	83	5011	0.99	ug/l	98
48) Methyl methacrylate	7.78	41	4310	0.97	ug/l	94
49) 1,4-Dioxane	7.76	88	1968	19.59	ug/l #	83
51) 4-Methyl-2-Pentanone	8.65	43	31572	5.26	ug/l	97
52) Toluene	8.79	92	10524	1.03	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	5196	0.93	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	5654	0.93	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4362	1.06	ug/l	95
56) Ethyl methacrylate	9.18	69	4674	0.83	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	7226	1.04	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	12006	4.17	ug/l	99
59) 2-Hexanone	9.50	43	23499	5.13	ug/l	91
60) Dibromochloromethane	9.59	129	3764	0.94	ug/l	95
61) 1,2-Dibromoethane	9.67	107	4386	1.03	ug/l	97
64) Tetrachloroethene	9.34	164	5248	1.21	ug/l	97
65) Chlorobenzene	10.14	112	12857	1.17	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	3628	0.96	ug/l #	66
67) Ethyl Benzene	10.25	91	17825	1.00	ug/l	94
68) m/p-Xylenes	10.36	106	13396	1.92	ug/l	99
69) o-Xylene	10.70	106	6195	0.94	ug/l	95
70) Styrene	10.71	104	9258	0.87	ug/l	96
71) Bromoform	10.86	173	2798	0.92	ug/l #	94
73) Isopropylbenzene	11.02	105	16568	1.01	ug/l	98
74) N-amyl acetate	10.90	43	5864	0.93	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	6402	1.12	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	5381m	1.09	ug/l	
77) Bromobenzene	11.26	156	5233	1.14	ug/l	96
78) n-propylbenzene	11.36	91	18702	0.99	ug/l	99
79) 2-Chlorotoluene	11.42	91	12715	1.10	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	12871	0.95	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	1393	0.89	ug/l #	76
82) 4-Chlorotoluene	11.51	91	14601	1.07	ug/l	97
83) tert-Butylbenzene	11.77	119	12806	0.94	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	12539	0.90	ug/l	99
85) sec-Butylbenzene	11.94	105	15768	0.97	ug/l	100
86) p-Isopropyltoluene	12.07	119	13610	0.94	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	10298	1.19	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	11854m	1.30	ug/l	
89) n-Butylbenzene	12.39	91	12135	1.03	ug/l	96
90) Hexachloroethane	12.60	117	1908	0.94	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	8460	1.07	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1037	1.03	ug/l	85
93) 1,2,4-Trichlorobenzene	13.65	180	7085	1.23	ug/l	97
94) Hexachlorobutadiene	13.79	225	3721	1.32	ug/l	98
95) Naphthalene	13.83	128	14668	0.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	6747	1.11	ug/l	99

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

