

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004022.D
 Acq On : 14 Aug 2018 10:41
 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
 8/15/2018 4:14:21 PM

Quant Time: Aug 14 13:06:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 12:59:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	374622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	541650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	510007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276555	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	3931	1.04	ug/l	100
3) Chloromethane	1.32	50	5224	1.01	ug/l	99
4) Vinyl Chloride	1.40	62	5478	1.06	ug/l	98
5) Bromomethane	1.64	94	4033	1.23	ug/l	93
6) Chloroethane	1.73	64	5435	1.65	ug/l	91
7) Trichlorofluoromethane	1.93	101	8091	1.19	ug/l	91
8) Diethyl Ether	2.18	74	3538	1.16	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5111	1.20	ug/l	98
12) 1,1-Dichloroethene	2.37	96	4518	1.12	ug/l	96
14) Allyl chloride	2.73	41	8765	1.13	ug/l	99
15) Acrylonitrile	3.14	53	14808	5.20	ug/l	99
16) Acetone	2.43	43	16715	5.66	ug/l	95
17) Carbon Disulfide	2.57	76	13285	1.08	ug/l	98
18) Methyl Acetate	2.77	43	7620	1.18	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	16190	1.14	ug/l	97
20) Methylene Chloride	2.86	84	6717	0.94	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	5463	1.20	ug/l	96
22) Diisopropyl ether	3.86	45	17101	1.20	ug/l	97
23) Vinyl Acetate	3.82	43	63068	5.32	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9828	1.16	ug/l	98
25) 2-Butanone	4.69	43	25125	5.66	ug/l	97
26) 2,2-Dichloropropane	4.58	77	8188	1.34	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	5861	1.18	ug/l	78
28) Bromochloromethane	5.01	49	4254	1.17	ug/l #	94
29) Tetrahydrofuran	5.15	42	13583	5.95	ug/l	94
30) Chloroform	5.21	83	9653	1.21	ug/l	97
31) Cyclohexane	5.57	56	8851	1.24	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	7525	1.13	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	7365	1.21	ug/l	99
37) Ethyl Acetate	4.84	43	7653	1.15	ug/l #	90
38) Carbon Tetrachloride	5.79	117	6855	1.19	ug/l	90
39) Methylcyclohexane	7.46	83	7535	1.05	ug/l	97
40) Benzene	6.14	78	21096	1.16	ug/l	98
41) Methacrylonitrile	5.06	41	4528	1.23	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	7610	1.24	ug/l	99
43) Isopropyl Acetate	6.46	43	10434	1.04	ug/l	97
44) Trichloroethene	7.21	130	5921	1.19	ug/l	91
45) 1,2-Dichloropropane	7.52	63	5312	1.13	ug/l	98
46) Dibromomethane	7.66	93	3502	1.15	ug/l	97
47) Bromodichloromethane	7.90	83	6225	1.08	ug/l	98
48) Methyl methacrylate	7.78	41	4743	0.93	ug/l	97
49) 1,4-Dioxane	7.76	88	2142	17.81	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	38078	4.57	ug/l	93
52) Toluene	8.79	92	12422	1.08	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	5786	0.89	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	6873	0.98	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	5563	1.18	ug/l	93
56) Ethyl methacrylate	9.18	69	5608	0.82	ug/l	95
57) 1,3-Dichloropropane	9.37	76	8647	1.10	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	13059	3.89	ug/l	100
59) 2-Hexanone	9.50	43	27021	4.34	ug/l	91
60) Dibromochloromethane	9.59	129	4734	1.08	ug/l	100
61) 1,2-Dibromoethane	9.67	107	5200	1.10	ug/l	98
64) Tetrachloroethene	9.34	164	5660	1.13	ug/l	89
65) Chlorobenzene	10.14	112	15838	1.19	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	4706	1.03	ug/l #	66
67) Ethyl Benzene	10.25	91	21826	1.00	ug/l	97
68) m/p-Xylenes	10.36	106	15703	1.85	ug/l	99
69) o-Xylene	10.70	106	7107	0.89	ug/l	96
70) Styrene	10.71	104	10712	0.82	ug/l	99
71) Bromoform	10.85	173	3194	0.94	ug/l #	99
73) Isopropylbenzene	11.02	105	18265	0.89	ug/l	97
74) N-amyl acetate	6.46	43	10434	0.98	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	7656	1.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	6127m	1.00	ug/l	
77) Bromobenzene	11.26	156	5731	1.05	ug/l	99
78) n-propylbenzene	11.36	91	19430	0.85	ug/l	98
79) 2-Chlorotoluene	11.42	91	13311	0.95	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	13594	0.81	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	1635	0.82	ug/l #	73
82) 4-Chlorotoluene	11.51	91	15159	0.92	ug/l	100
83) tert-Butylbenzene	11.77	119	14721	0.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	14087	0.84	ug/l	99
85) sec-Butylbenzene	11.94	105	16478	0.85	ug/l	97
86) p-Isopropyltoluene	12.07	119	14753	0.85	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	11607	1.15	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	12355m	1.18	ug/l	
89) n-Butylbenzene	12.39	91	13957	0.92	ug/l	98
90) Hexachloroethane	12.60	117	2730	0.97	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	10847	1.08	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1198	0.83	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	6111	0.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	3878	1.15	ug/l	95
95) Naphthalene	13.83	128	14798	0.72	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	6682	0.93	ug/l	97

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

