

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080318\
 Data File : VX003831.D
 Acq On : 02 Aug 2018 18:55
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 1:35:31 PM

Quant Time: Aug 03 01:43:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	100060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	145332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	137893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75690	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	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	978	0.89	ug/l	95
3) Chloromethane	1.32	50	2640	1.73	ug/l	99
4) Vinyl Chloride	1.40	62	1257	0.84	ug/l	92
5) Bromomethane	1.64	94	914	1.28	ug/l	96
6) Chloroethane	1.72	64	820	0.92	ug/l	99
7) Trichlorofluoromethane	1.93	101	1861	0.98	ug/l	97
8) Diethyl Ether	2.18	74	748	0.87	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1065	0.92	ug/l	93
12) 1,1-Dichloroethene	2.37	96	1040	0.92	ug/l	85
14) Allyl chloride	2.73	41	2062	0.88	ug/l	89
15) Acrylonitrile	3.15	53	3758	4.45	ug/l	99
16) Acetone	2.45	43	4199	5.91	ug/l	97
17) Carbon Disulfide	2.57	76	3018	0.93	ug/l #	94
18) Methyl Acetate	2.78	43	2011	0.98	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	3642	0.90	ug/l	97
20) Methylene Chloride	2.86	84	1449	1.06	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	1213	0.99	ug/l	86
22) Diisopropyl ether	3.87	45	3941	0.91	ug/l	96
23) Vinyl Acetate	3.82	43	14642	3.95	ug/l	100
24) 1,1-Dichloroethane	3.70	63	2154	0.88	ug/l #	90
25) 2-Butanone	4.71	43	6477	5.77	ug/l	95
26) 2,2-Dichloropropane	4.59	77	1485	0.97	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	1338	0.98	ug/l #	6
28) Bromochloromethane	5.02	49	906	0.89	ug/l #	95
29) Tetrahydrofuran	5.18	42	3243	4.66	ug/l	93
30) Chloroform	5.21	83	2291	1.01	ug/l	87
31) Cyclohexane	5.58	56	1616	0.85	ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	1709	0.92	ug/l #	46
36) 1,1-Dichloropropene	5.80	75	1671	1.01	ug/l	96
37) Ethyl Acetate	4.87	43	2020	1.00	ug/l #	69
38) Carbon Tetrachloride	5.78	117	1551	0.97	ug/l	90
39) Methylcyclohexane	7.46	83	1744	0.99	ug/l	94
40) Benzene	6.15	78	5037	1.01	ug/l	96
41) Methacrylonitrile	5.07	41	1021	0.91	ug/l #	91

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	1669	0.95	ug/l	93
43) Isopropyl Acetate	6.47	43	2703	0.91	ug/l	96
44) Trichloroethene	7.22	130	1330	0.99	ug/l	96
45) 1,2-Dichloropropane	7.52	63	1235	0.95	ug/l #	84
46) Dibromomethane	7.67	93	815	0.97	ug/l	98
47) Bromodichloromethane	7.90	83	1525	0.97	ug/l #	98
48) Methyl methacrylate	7.78	41	1288	0.86	ug/l	91
49) 1,4-Dioxane	7.77	88	654	19.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	10467	5.03	ug/l	95
52) Toluene	8.79	92	2700	0.87	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1494	0.86	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	1574	0.83	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	1313	1.02	ug/l	96
56) Ethyl methacrylate	9.19	69	1363	0.72	ug/l #	87
57) 1,3-Dichloropropane	9.38	76	2032	0.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	3642	3.80	ug/l	97
59) 2-Hexanone	9.50	43	7644	4.79	ug/l	89
60) Dibromochloromethane	9.59	129	1090	0.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	1224	0.91	ug/l	99
64) Tetrachloroethene	9.34	164	1436	1.16	ug/l	92
65) Chlorobenzene	10.14	112	3621	1.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	1143	0.95	ug/l #	66
67) Ethyl Benzene	10.26	91	5020	0.88	ug/l	98
68) m/p-Xylenes	10.36	106	3796	1.72	ug/l	98
69) o-Xylene	10.70	106	1831	0.86	ug/l	96
70) Styrene	10.71	104	2683	0.75	ug/l	96
71) Bromoform	10.86	173	900	0.93	ug/l #	96
73) Isopropylbenzene	11.02	105	4640	0.92	ug/l	98
74) N-amyl acetate	6.47	43	2703	1.02	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1940	1.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1696m	1.07	ug/l	
77) Bromobenzene	11.26	156	1388	0.99	ug/l	92
78) n-propylbenzene	11.36	91	5032	0.86	ug/l	98
79) 2-Chlorotoluene	11.42	91	3348	0.93	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3463	0.80	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	432	0.85	ug/l	86
82) 4-Chlorotoluene	11.51	91	3635	0.86	ug/l	97
83) tert-Butylbenzene	11.77	119	3775	0.90	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3520	0.79	ug/l	98
85) sec-Butylbenzene	11.95	105	4126	0.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	3607	0.80	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	2674	1.02	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2806m	1.03	ug/l	
89) n-Butylbenzene	12.39	91	3279	0.82	ug/l	97
90) Hexachloroethane	12.60	117	649	0.94	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	2742	1.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	423	1.06	ug/l	78
93) 1,2,4-Trichlorobenzene	13.65	180	1745	0.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	1007	1.17	ug/l	95
95) Naphthalene	13.83	128	4411	0.77	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	1879	0.97	ug/l	95

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

