

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006079.D
 Acq On : 19 Nov 2018 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:20 AM

Quant Time: Nov 19 13:21:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	108439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	137968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	63324	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.50	113	52058	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	194216	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
62) 4-Bromofluorobenzene	11.14	95	73654	60.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.44%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	43602	44.60	ug/l	98
3) Chloromethane	1.32	50	55672	43.39	ug/l	100
4) Vinyl Chloride	1.41	62	58747	45.61	ug/l	98
5) Bromomethane	1.64	94	42972	54.51	ug/l	99
6) Chloroethane	1.71	64	38274	49.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	88787	51.93	ug/l	98
8) Diethyl Ether	2.19	74	37161	55.47	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53345	54.25	ug/l	99
10) Methyl Iodide	2.51	142	63612	53.37	ug/l	99
11) Tert butyl alcohol	3.07	59	77541	217.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47854	49.93	ug/l	92
13) Acrolein	2.29	56	43239	253.63	ug/l	99
14) Allyl chloride	2.73	41	114349	53.42	ug/l	99
15) Acrylonitrile	3.15	53	194800	263.21	ug/l	100
16) Acetone	2.45	43	191975	286.01	ug/l	99
17) Carbon Disulfide	2.57	76	135616	47.44	ug/l	100
18) Methyl Acetate	2.78	43	100208	55.88	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	190392	58.20	ug/l	100
20) Methylene Chloride	2.85	84	56848	51.56	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	52039	51.47	ug/l	96
22) Diisopropyl ether	3.87	45	216636	57.77	ug/l	# 98
23) Vinyl Acetate	3.82	43	879786	273.63	ug/l	98
24) 1,1-Dichloroethane	3.70	63	110371	55.17	ug/l	99
25) 2-Butanone	4.70	43	253261	240.00	ug/l	100
26) 2,2-Dichloropropane	4.58	77	81861	55.78	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55776	49.97	ug/l	100
28) Bromochloromethane	5.01	49	49361	55.20	ug/l	98
29) Tetrahydrofuran	5.15	42	156222	230.56	ug/l	100
30) Chloroform	5.21	83	95932	49.70	ug/l	97
31) Cyclohexane	5.57	56	79169	45.59	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	84496	52.48	ug/l	98
36) 1,1-Dichloropropene	5.80	75	68663	47.34	ug/l	98
37) Ethyl Acetate	4.85	43	85421	44.79	ug/l	100
38) Carbon Tetrachloride	5.78	117	75191	51.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79063	53.79	ug/l	99
40) Benzene	6.14	78	203955	48.24	ug/l	98
41) Methacrylonitrile	5.06	41	51162	49.65	ug/l	99
42) 1,2-Dichloroethane	6.20	62	76408	50.46	ug/l	100
43) Isopropyl Acetate	6.46	43	132761	48.04	ug/l	98
44) Trichloroethene	7.21	130	57520	53.57	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57269	55.81	ug/l	100
46) Dibromomethane	7.66	93	36439	56.59	ug/l	98
47) Bromodichloromethane	7.90	83	77043	63.31	ug/l	98
48) Methyl methacrylate	7.77	41	68048	54.84	ug/l	99
49) 1,4-Dioxane	7.75	88	25895	968.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	476381	273.52	ug/l	99
52) Toluene	8.79	92	129576	54.84	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	85283	59.38	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90606	61.90	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	55358	52.57	ug/l	97
56) Ethyl methacrylate	9.18	69	81988	52.03	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93351	52.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	272674	315.34	ug/l	100
59) 2-Hexanone	9.49	43	388340	252.96	ug/l	99
60) Dibromochloromethane	9.59	129	64257	56.46	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57407	49.30	ug/l	100
64) Tetrachloroethene	9.34	164	60398	51.42	ug/l	98
65) Chlorobenzene	10.14	112	149951	54.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	57891	60.25	ug/l	100
67) Ethyl Benzene	10.25	91	259831	58.63	ug/l	99
68) m/p-Xylenes	10.36	106	198907	117.66	ug/l	99
69) o-Xylene	10.70	106	95207	62.80	ug/l	100
70) Styrene	10.71	104	163178	65.25	ug/l	100
71) Bromoform	10.86	173	55570	68.99	ug/l	99
73) Isopropylbenzene	11.02	105	267743	58.13	ug/l	99
74) N-amyl acetate	10.90	43	119648	46.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89894	53.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88769m	54.73	ug/l	
77) Bromobenzene	11.26	156	70545	54.34	ug/l	100
78) n-propylbenzene	11.36	91	313638	57.78	ug/l	99
79) 2-Chlorotoluene	11.42	91	183545	55.94	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	229228	58.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30706	60.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	219769	56.83	ug/l	100
83) tert-Butylbenzene	11.77	119	228201	57.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	236069	54.66	ug/l	100
85) sec-Butylbenzene	11.94	105	277187	57.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	255308	59.52	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	134861	54.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	137696	53.98	ug/l	99
89) n-Butylbenzene	12.39	91	229943	57.84	ug/l	99
90) Hexachloroethane	12.60	117	44069	61.54	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	133831	53.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22660	54.93	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104790	59.64	ug/l	100
94) Hexachlorobutadiene	13.79	225	52774	57.18	ug/l	99
95) Naphthalene	13.83	128	307920	53.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104749	58.51	ug/l	100

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

