

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005416.D
 Acq On : 18 Oct 2018 03:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:24:29 PM

Quant Time: Oct 19 03:13:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135500	46.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.50	113	112304	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
50) Toluene-d8	8.71	98	421460	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	159239	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96309	46.54	ug/l	97
3) Chloromethane	1.32	50	134452	44.84	ug/l	99
4) Vinyl Chloride	1.40	62	141984	46.75	ug/l	97
5) Bromomethane	1.64	94	85808	50.02	ug/l	98
6) Chloroethane	1.71	64	91585	51.16	ug/l #	87
7) Trichlorofluoromethane	1.92	101	196450	48.47	ug/l	95
8) Diethyl Ether	2.19	74	83935	48.49	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114924	49.12	ug/l	94
10) Methyl Iodide	2.51	142	142238	55.18	ug/l	99
11) Tert butyl alcohol	3.08	59	208725	251.91	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110783	47.79	ug/l	95
13) Acrolein	2.29	56	153339	290.37	ug/l	97
14) Allyl chloride	2.73	41	243384	47.83	ug/l	93
15) Acrylonitrile	3.15	53	447283	238.23	ug/l	97
16) Acetone	2.45	43	396844	233.67	ug/l	98
17) Carbon Disulfide	2.56	76	309355	44.06	ug/l #	92
18) Methyl Acetate	2.78	43	255994	52.98	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	432576	52.99	ug/l	94
20) Methylene Chloride	2.85	84	130969	53.01	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	120986	47.10	ug/l	96
22) Diisopropyl ether	3.87	45	418270	48.93	ug/l	93
23) Vinyl Acetate	3.83	43	1806632	241.82	ug/l	97
24) 1,1-Dichloroethane	3.70	63	241746	49.35	ug/l	99
25) 2-Butanone	4.70	43	629307	253.26	ug/l	91
26) 2,2-Dichloropropane	4.58	77	133858	36.54	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	134843	48.30	ug/l	99
28) Bromochloromethane	5.02	49	106817	47.83	ug/l	97
29) Tetrahydrofuran	5.15	42	392808	247.83	ug/l	94
30) Chloroform	5.21	83	223476	49.15	ug/l	95
31) Cyclohexane	5.57	56	191551	47.44	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	196361	49.63	ug/l	98
36) 1,1-Dichloropropene	5.80	75	168631	46.31	ug/l	99
37) Ethyl Acetate	4.85	43	212004	45.28	ug/l	99
38) Carbon Tetrachloride	5.78	117	172910	47.26	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185385	47.05	ug/l	97
40) Benzene	6.14	78	494868	45.31	ug/l	99
41) Methacrylonitrile	5.07	41	122784	48.91	ug/l	95
42) 1,2-Dichloroethane	6.20	62	174843	45.34	ug/l	98
43) Isopropyl Acetate	6.47	43	324728	52.06	ug/l	96
44) Trichloroethene	7.21	130	134728	48.29	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131649	49.14	ug/l	98
46) Dibromomethane	7.66	93	84200	47.62	ug/l	97
47) Bromodichloromethane	7.90	83	165493	50.60	ug/l	100
48) Methyl methacrylate	7.77	41	163734	50.61	ug/l	95
49) 1,4-Dioxane	7.75	88	75612	1013.36	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1116740	258.57	ug/l	96
52) Toluene	8.79	92	308443	51.62	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180492	50.99	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	194750	50.78	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129073	51.00	ug/l	97
56) Ethyl methacrylate	9.18	69	205038	55.57	ug/l	96
57) 1,3-Dichloropropane	9.37	76	217908	51.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	551402	266.48	ug/l	95
59) 2-Hexanone	9.50	43	893065	257.06	ug/l	94
60) Dibromochloromethane	9.59	129	138974	53.12	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134592	50.67	ug/l	100
64) Tetrachloroethene	9.34	164	138802	50.15	ug/l	99
65) Chlorobenzene	10.14	112	356029	48.69	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	131091	50.31	ug/l	98
67) Ethyl Benzene	10.25	91	601014	50.56	ug/l	99
68) m/p-Xylenes	10.36	106	465301	100.85	ug/l	95
69) o-Xylene	10.70	106	226633	50.93	ug/l	98
70) Styrene	10.71	104	384523	52.54	ug/l	98
71) Bromoform	10.86	173	119325	51.24	ug/l #	99
73) Isopropylbenzene	11.02	105	615677	52.83	ug/l	100
74) N-amyl acetate	10.90	43	295653	52.60	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	214285	48.75	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	200993m	52.86	ug/l	
77) Bromobenzene	11.26	156	168247	50.50	ug/l	100
78) n-propylbenzene	11.36	91	703251	52.44	ug/l	99
79) 2-Chlorotoluene	11.42	91	421522	51.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	530841	53.20	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	57570	46.00	ug/l	98
82) 4-Chlorotoluene	11.51	91	499492	51.31	ug/l	100
83) tert-Butylbenzene	11.77	119	529976	52.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	546940	53.26	ug/l	98
85) sec-Butylbenzene	11.94	105	637538	53.31	ug/l	99
86) p-Isopropyltoluene	12.07	119	571209	52.85	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314571	50.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319285	50.13	ug/l	100
89) n-Butylbenzene	12.39	91	505698	51.53	ug/l	98
90) Hexachloroethane	12.60	117	93940	50.43	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	318151	50.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52058	48.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246089	52.79	ug/l	99
94) Hexachlorobutadiene	13.78	225	121900	49.51	ug/l	97
95) Naphthalene	13.83	128	746708	55.23	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252226	52.88	ug/l	98

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

