

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060418\
 Data File : VX002256.D
 Acq On : 04 Jun 2018 11:26
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:02 PM

Quant Time: Jun 05 02:17:08 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 02:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	436396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	264216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219050	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	5.51	113	168589	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.72	98	659241	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.14	95	255257	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160943	51.80	ug/l	100
3) Chloromethane	1.32	50	185601	45.40	ug/l	100
4) Vinyl Chloride	1.41	62	193339	49.38	ug/l	100
5) Bromomethane	1.64	94	111929	35.97	ug/l	100
6) Chloroethane	1.72	64	121834	48.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	302875	50.77	ug/l	100
8) Diethyl Ether	2.19	74	109368	45.01	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	168045	52.20	ug/l	100
10) Methyl Iodide	2.51	142	233762	51.62	ug/l	100
11) Tert butyl alcohol	3.08	59	232423	242.69	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153723	48.32	ug/l	100
13) Acrolein	2.30	56	107717	233.51	ug/l	100
14) Allyl chloride	2.73	41	323132	46.80	ug/l	100
15) Acrylonitrile	3.15	53	473956	232.51	ug/l	100
16) Acetone	2.45	43	497779	232.92	ug/l	100
17) Carbon Disulfide	2.57	76	408073	48.66	ug/l	100
18) Methyl Acetate	2.78	43	225472	44.72	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	577220	45.80	ug/l	100
20) Methylene Chloride	2.86	84	173974	40.97	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	164887	47.00	ug/l	100
22) Diisopropyl ether	3.88	45	588106	45.65	ug/l	100
23) Vinyl Acetate	3.83	43	2583103	230.78	ug/l	100
24) 1,1-Dichloroethane	3.70	63	321966	47.18	ug/l	100
25) 2-Butanone	4.71	43	692118	236.19	ug/l	100
26) 2,2-Dichloropropane	4.59	77	253225	47.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	176487	46.25	ug/l	100
28) Bromochloromethane	5.03	49	158831	48.07	ug/l	100
29) Tetrahydrofuran	5.17	42	440736	233.28	ug/l	100
30) Chloroform	5.22	83	308122	46.79	ug/l	100
31) Cyclohexane	5.58	56	278095	51.54	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	277657	49.72	ug/l	100
36) 1,1-Dichloropropene	5.81	75	228737	49.86	ug/l	100
37) Ethyl Acetate	4.87	43	266254	48.26	ug/l	100
38) Carbon Tetrachloride	5.79	117	247086	51.48	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279484	53.45	ug/l	100
40) Benzene	6.15	78	682223	48.50	ug/l	100
41) Methacrylonitrile	5.07	41	150601	47.68	ug/l	100
42) 1,2-Dichloroethane	6.20	62	267643	47.89	ug/l	100
43) Isopropyl Acetate	6.47	43	449074	47.92	ug/l	100
44) Trichloroethene	7.21	130	197429	50.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	183257	48.26	ug/l	100
46) Dibromomethane	7.67	93	120598	46.85	ug/l	100
47) Bromodichloromethane	7.90	83	232344	49.90	ug/l	100
48) Methyl methacrylate	7.78	41	230674	49.00	ug/l	100
49) 1,4-Dioxane	7.76	88	86645	984.44	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1435007	245.89	ug/l	100
52) Toluene	8.79	92	443818	49.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	283543	50.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	270279	51.31	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	178771	48.58	ug/l	100
56) Ethyl methacrylate	9.18	69	284085	48.36	ug/l	100
57) 1,3-Dichloropropane	9.38	76	296911	48.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	673596	247.73	ug/l	100
59) 2-Hexanone	9.50	43	1127238	250.07	ug/l	100
60) Dibromochloromethane	9.59	129	192410	51.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	191256	49.85	ug/l	100
64) Tetrachloroethene	9.34	164	218599	50.88	ug/l	100
65) Chlorobenzene	10.14	112	507987	49.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	187356	49.92	ug/l	100
67) Ethyl Benzene	10.26	91	878999	50.67	ug/l	100
68) m/p-Xylenes	10.37	106	685113	101.60	ug/l	100
69) o-Xylene	10.70	106	335127	49.94	ug/l	100
70) Styrene	10.71	104	562860	51.31	ug/l	100
71) Bromoform	10.86	173	152504	51.25	ug/l	100
73) Isopropylbenzene	11.02	105	907774	49.39	ug/l	100
74) N-amyl acetate	6.47	43	449074	45.34	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	263702	45.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	274084m	51.71	ug/l	
77) Bromobenzene	11.26	156	244882	47.46	ug/l	100
78) n-propylbenzene	11.37	91	1045828	51.19	ug/l	100
79) 2-Chlorotoluene	11.43	91	614070	47.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	777836	49.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	82348	49.79	ug/l	100
82) 4-Chlorotoluene	11.51	91	733201	49.24	ug/l	100
83) tert-Butylbenzene	11.77	119	756289	49.26	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	803607	49.52	ug/l	100
85) sec-Butylbenzene	11.95	105	936153	52.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	853424	52.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	447835	48.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	450381	47.36	ug/l	100
89) n-Butylbenzene	12.39	91	745868	54.25	ug/l	100
90) Hexachloroethane	12.60	117	133040	50.84	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	459083	48.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	64144	50.74	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	336000	50.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	178136	53.86	ug/l	100
95) Naphthalene	13.84	128	968040	50.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	341830	50.07	ug/l	100

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

