

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001416.D
 Acq On : 05 May 2018 13:24
 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

apatel
 5/8/2018 7:53:34 AM

Quant Time: May 06 07:51:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193216	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.51	113	156361	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.72	98	579403	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	225046	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	188769	59.822	ug/l	100
3) Chloromethane	1.32	50	172136	55.481	ug/l	100
4) Vinyl Chloride	1.40	62	182187	56.123	ug/l	100
5) Bromomethane	1.64	94	85892	33.599	ug/l	100
6) Chloroethane	1.71	64	119191	57.478	ug/l	100
7) Trichlorofluoromethane	1.92	101	278076	51.663	ug/l	100
8) Diethyl Ether	2.19	74	107017	56.706	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	160648	51.531	ug/l	100
10) Methyl Iodide	2.51	142	246363	71.773	ug/l	100
11) Tert butyl alcohol	3.09	59	203016	294.977	ug/l	100
12) 1,1-Dichloroethene	2.37	96	147899	52.466	ug/l	100
13) Acrolein	2.30	56	40100	118.790	ug/l	100
14) Allyl chloride	2.73	41	277868	55.865	ug/l	100
15) Acrylonitrile	3.15	53	457616	289.150	ug/l	100
16) Acetone	2.45	43	421515	255.743	ug/l	100
17) Carbon Disulfide	2.57	76	384213	52.171	ug/l	100
18) Methyl Acetate	2.78	43	226132	56.992	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	513071	53.394	ug/l	100
20) Methylene Chloride	2.86	84	165900	46.237	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	160625	52.240	ug/l	100
22) Diisopropyl ether	3.88	45	511627	53.668	ug/l	100
23) Vinyl Acetate	3.83	43	2194757	271.978	ug/l	100
24) 1,1-Dichloroethane	3.70	63	286901	53.897	ug/l	100
25) 2-Butanone	4.72	43	627627	277.205	ug/l	100
26) 2,2-Dichloropropane	4.59	77	227903	52.974	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	172659	51.275	ug/l	100
28) Bromochloromethane	5.03	49	127145	53.991	ug/l	100
29) Tetrahydrofuran	5.18	42	402456	286.750	ug/l	100
30) Chloroform	5.22	83	297509	53.113	ug/l	100
31) Cyclohexane	5.58	56	250795	52.409	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	267092	54.545	ug/l	100
36) 1,1-Dichloropropene	5.81	75	220585	52.525	ug/l	100
37) Ethyl Acetate	4.87	43	242649	56.555	ug/l	100
38) Carbon Tetrachloride	5.79	117	245123	55.481	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	267111	53.753	ug/l	100
40) Benzene	6.15	78	655668	54.189	ug/l	100
41) Methacrylonitrile	5.07	41	135996	54.556	ug/l	100
42) 1,2-Dichloroethane	6.20	62	249890	53.289	ug/l	100
43) Isopropyl Acetate	6.48	43	386376	56.162	ug/l	100
44) Trichloroethene	7.22	130	196557	53.093	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160869	52.204	ug/l	100
46) Dibromomethane	7.67	93	114843	52.924	ug/l	100
47) Bromodichloromethane	7.90	83	222563	56.978	ug/l	100
48) Methyl methacrylate	7.79	41	210522	57.158	ug/l	100
49) 1,4-Dioxane	7.76	88	90551	1272.653	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1278079	287.238	ug/l	100
52) Toluene	8.79	92	433360	54.766	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	259890	56.165	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	240433	56.709	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	170894	53.749	ug/l	100
56) Ethyl methacrylate	9.19	69	259999	58.443	ug/l	100
57) 1,3-Dichloropropane	9.38	76	286834	55.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	650433	300.874	ug/l	100
59) 2-Hexanone	9.51	43	992570	286.312	ug/l	100
60) Dibromochloromethane	9.59	129	191860	57.568	ug/l	100
61) 1,2-Dibromoethane	9.68	107	185853	55.022	ug/l	100
64) Tetrachloroethene	9.34	164	240816	56.781	ug/l	100
65) Chlorobenzene	10.15	112	497729	52.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	185576	55.725	ug/l	100
67) Ethyl Benzene	10.26	91	829337	52.712	ug/l	100
68) m/p-Xylenes	10.37	106	666327	107.427	ug/l	100
69) o-Xylene	10.71	106	325372	53.919	ug/l	100
70) Styrene	10.72	104	536467	54.390	ug/l	100
71) Bromoform	10.87	173	159146	56.609	ug/l	100
73) Isopropylbenzene	11.02	105	870903	50.685	ug/l	100
74) N-amyl acetate	6.48	43	386376	52.225	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	248842	48.735	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	248181m	52.250	ug/l	
77) Bromobenzene	11.26	156	244473	49.561	ug/l	100
78) n-propylbenzene	11.37	91	962932	50.611	ug/l	100
79) 2-Chlorotoluene	11.43	91	579632	50.408	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	732639	51.045	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72315	58.158	ug/l	100
82) 4-Chlorotoluene	11.52	91	677841	49.283	ug/l	100
83) tert-Butylbenzene	11.77	119	730651	51.060	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	757452	51.425	ug/l	100
85) sec-Butylbenzene	11.95	105	883304	51.485	ug/l	100
86) p-Isopropyltoluene	12.07	119	822415	52.171	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	445743	48.348	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	450285	47.557	ug/l	100
89) n-Butylbenzene	12.40	91	679158	49.792	ug/l	100
90) Hexachloroethane	12.60	117	123284	53.975	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	450897	49.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58919	56.432	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	342640	46.708	ug/l	100
94) Hexachlorobutadiene	13.79	225	181116	47.043	ug/l	100
95) Naphthalene	13.84	128	974211	51.892	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	350366	48.449	ug/l	100

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

