

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
 Data File : VX006213.D
 Acq On : 29 Nov 2018 15:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 10:13:16 AM

Quant Time: Nov 30 03:52:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	790495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1173716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1064816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	549690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	785685	97.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.72%	
35) Dibromofluoromethane	5.51	113	747658	98.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.76%	
50) Toluene-d8	8.72	98	2725766	98.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.22%	
62) 4-Bromofluorobenzene	11.14	95	1012683	97.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	821257	106.105	ug/l	99
3) Chloromethane	1.33	50	798607	100.404	ug/l	97
4) Vinyl Chloride	1.41	62	868039	101.401	ug/l	99
5) Bromomethane	1.64	94	579504	97.680	ug/l	98
6) Chloroethane	1.71	64	533452	101.634	ug/l	100
7) Trichlorofluoromethane	1.92	101	1312766	99.902	ug/l	98
8) Diethyl Ether	2.19	74	489935	98.514	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	733978	98.231	ug/l	99
10) Methyl Iodide	2.51	142	1167703	103.699	ug/l	99
11) Tert butyl alcohol	3.09	59	1037734	470.227	ug/l	100
12) 1,1-Dichloroethene	2.37	96	703464	98.347	ug/l	98
13) Acrolein	2.30	56	590334	489.417	ug/l	99
14) Allyl chloride	2.73	41	1399447	99.042	ug/l	100
15) Acrylonitrile	3.15	53	2255475	489.765	ug/l	100
16) Acetone	2.45	43	1864624	492.369	ug/l	98
17) Carbon Disulfide	2.57	76	2198333	99.738	ug/l	99
18) Methyl Acetate	2.78	43	1224792	96.709	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	2512094	98.447	ug/l	100
20) Methylene Chloride	2.86	84	763968	94.788	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	746174	97.890	ug/l	97
22) Diisopropyl ether	3.87	45	2172339	98.429	ug/l	99
23) Vinyl Acetate	3.82	43	9359580	497.216	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1211075	96.005	ug/l	100
25) 2-Butanone	4.70	43	2626036	485.981	ug/l	99
26) 2,2-Dichloropropane	4.59	77	1119728	96.180	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	831845	97.835	ug/l	100
28) Bromochloromethane	5.02	49	562778	102.137	ug/l	99
29) Tetrahydrofuran	5.15	42	1815087	483.317	ug/l	99
30) Chloroform	5.22	83	1285526	96.973	ug/l	96
31) Cyclohexane	5.57	56	1136891	97.520	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	1220775	96.786	ug/l	99
36) 1,1-Dichloropropene	5.80	75	976539	98.801	ug/l	99
37) Ethyl Acetate	4.86	43	1073442	96.980	ug/l	100
38) Carbon Tetrachloride	5.78	117	1146400	98.593	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1256045	97.901	ug/l	98
40) Benzene	6.14	78	2920049	98.640	ug/l	99
41) Methacrylonitrile	5.06	41	574646	94.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	955107	98.581	ug/l	100
43) Isopropyl Acetate	6.46	43	1803645	97.731	ug/l	100
44) Trichloroethene	7.21	130	891515	99.410	ug/l	99
45) 1,2-Dichloropropane	7.52	63	734117	97.574	ug/l	100
46) Dibromomethane	7.66	93	534357	98.340	ug/l	99
47) Bromodichloromethane	7.90	83	1045334	99.341	ug/l	99
48) Methyl methacrylate	7.77	41	880694	98.095	ug/l	100
49) 1,4-Dioxane	7.76	88	418028	1889.174	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	5169618	481.196	ug/l	99
52) Toluene	8.79	92	1914465	98.300	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1229122	99.878	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1264914	98.986	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	778200	98.355	ug/l	99
56) Ethyl methacrylate	9.18	69	1197960	96.850	ug/l	100
57) 1,3-Dichloropropane	9.37	76	1241134	99.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	3052935	486.384	ug/l	99
59) 2-Hexanone	9.50	43	3961160	482.604	ug/l	100
60) Dibromochloromethane	9.58	129	973898	99.821	ug/l	100
61) 1,2-Dibromoethane	9.68	107	866516	97.945	ug/l	99
64) Tetrachloroethene	9.33	164	781008	97.394	ug/l	98
65) Chlorobenzene	10.14	112	2234616	98.861	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	867188	98.742	ug/l	100
67) Ethyl Benzene	10.25	91	3702072	98.474	ug/l	99
68) m/p-Xylenes	10.36	106	2940334	195.251	ug/l	100
69) o-Xylene	10.70	106	1435344	96.494	ug/l	99
70) Styrene	10.71	104	2354064	97.849	ug/l	99
71) Bromoform	10.86	173	828315	99.913	ug/l #	99
73) Isopropylbenzene	11.02	105	3766855	99.230	ug/l	100
74) N-amyl acetate	10.90	43	1606104	98.252	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	1169201	96.274	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1071693m	75.074	ug/l	
77) Bromobenzene	11.26	156	1034643	98.212	ug/l	100
78) n-propylbenzene	11.36	91	4268592	101.158	ug/l	100
79) 2-Chlorotoluene	11.42	91	2467564	98.386	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3108542	98.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	446091	98.667	ug/l	97
82) 4-Chlorotoluene	11.51	91	2880411	98.780	ug/l	99
83) tert-Butylbenzene	11.77	119	3295485	97.790	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	3192901	97.900	ug/l	100
85) sec-Butylbenzene	11.94	105	3794514	98.976	ug/l	100
86) p-Isopropyltoluene	12.07	119	3412607	98.853	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1850497	98.718	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1854234	98.638	ug/l	100
89) n-Butylbenzene	12.39	91	2999782	101.840	ug/l	99
90) Hexachloroethane	12.60	117	708622	100.714	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1804135	96.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	297629	95.604	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	1375458	101.340	ug/l	99
94) Hexachlorobutadiene	13.79	225	609180	101.489	ug/l	100
95) Naphthalene	13.83	128	4215752	99.852	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1368592	101.804	ug/l	99

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

