

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006952.D
 Acq On : 08 Jan 2019 13:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:25:07 AM

Quant Time: Jan 08 13:38:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 13:20:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	588062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	859215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	772831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	405933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	596595	95.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.14%	
35) Dibromofluoromethane	5.50	113	551633	100.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.84%	
50) Toluene-d8	8.71	98	2030742	100.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.92%	
62) 4-Bromofluorobenzene	11.14	95	707563	102.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	518800	110.919	ug/l	99
3) Chloromethane	1.32	50	551892	96.551	ug/l	98
4) Vinyl Chloride	1.41	62	596035	97.541	ug/l	99
5) Bromomethane	1.64	94	598382	88.742	ug/l	98
6) Chloroethane	1.70	64	434587	106.638	ug/l	100
7) Trichlorofluoromethane	1.92	101	960801	97.839	ug/l	97
8) Diethyl Ether	2.19	74	370388	93.419	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	555139	93.250	ug/l	99
10) Methyl Iodide	2.51	142	874269	118.342	ug/l	99
11) Tert butyl alcohol	3.09	59	699426	476.555	ug/l	100
12) 1,1-Dichloroethene	2.37	96	526090	96.940	ug/l	99
13) Acrolein	2.30	56	304418	441.338	ug/l	98
14) Allyl chloride	2.73	41	922189	100.311	ug/l	99
15) Acrylonitrile	3.15	53	1630741	482.396	ug/l	99
16) Acetone	2.45	43	1409211	444.559	ug/l	99
17) Carbon Disulfide	2.57	76	1425680	104.709	ug/l	99
18) Methyl Acetate	2.78	43	815108	89.464	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1823984	96.475	ug/l	99
20) Methylene Chloride	2.85	84	580961	85.662	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	563253	91.299	ug/l	97
22) Diisopropyl ether	3.87	45	1681240	94.973	ug/l	96
23) Vinyl Acetate	3.82	43	7285219	493.897	ug/l	99
24) 1,1-Dichloroethane	3.70	63	942493	95.496	ug/l	99
25) 2-Butanone	4.70	43	2070216	461.185	ug/l	97
26) 2,2-Dichloropropane	4.58	77	751321	101.118	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	628885	92.446	ug/l	98
28) Bromochloromethane	5.02	49	417078	95.639	ug/l	97
29) Tetrahydrofuran	5.15	42	1372502	475.190	ug/l	97
30) Chloroform	5.22	83	987673	95.521	ug/l	98
31) Cyclohexane	5.57	56	845358	96.593	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	875320	102.633	ug/l	99
36) 1,1-Dichloropropene	5.80	75	733348	97.821	ug/l	99
37) Ethyl Acetate	4.85	43	801845	99.546	ug/l	98
38) Carbon Tetrachloride	5.78	117	780644	106.840	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	925827	96.123	ug/l	99
40) Benzene	6.14	78	2202281	95.247	ug/l	99
41) Methacrylonitrile	5.07	41	440674	92.656	ug/l	98
42) 1,2-Dichloroethane	6.20	62	747455	92.463	ug/l	99
43) Isopropyl Acetate	6.46	43	1305644	104.252	ug/l	97
44) Trichloroethene	7.21	130	646220	92.574	ug/l	97
45) 1,2-Dichloropropane	7.52	63	561522	96.902	ug/l	98
46) Dibromomethane	7.66	93	401636	99.587	ug/l	97
47) Bromodichloromethane	7.90	83	736319	111.921	ug/l	98
48) Methyl methacrylate	7.77	41	649267	99.311	ug/l	98
49) 1,4-Dioxane	7.76	88	306172	1777.058	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	4058978	497.181	ug/l	99
52) Toluene	8.79	92	1434869	96.295	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	835784	115.977	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	915147	114.111	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	581616	98.339	ug/l	98
56) Ethyl methacrylate	9.18	69	880866	104.063	ug/l	95
57) 1,3-Dichloropropane	9.37	76	939017	96.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2210804	502.671	ug/l	99
59) 2-Hexanone	9.50	43	3125906	509.215	ug/l	100
60) Dibromochloromethane	9.59	129	651385	122.952	ug/l	99
61) 1,2-Dibromoethane	9.67	107	649248	99.899	ug/l	99
64) Tetrachloroethene	9.34	164	626445	90.616	ug/l	96
65) Chlorobenzene	10.14	112	1625113	94.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	603105	110.245	ug/l	99
67) Ethyl Benzene	10.25	91	2713761	96.158	ug/l	99
68) m/p-Xylenes	10.36	106	2175538	197.315	ug/l	99
69) o-Xylene	10.70	106	1042306	96.495	ug/l	97
70) Styrene	10.71	104	1707539	101.750	ug/l	99
71) Bromoform	10.86	173	511380	133.806	ug/l	99
73) Isopropylbenzene	11.02	105	2740184	92.659	ug/l	99
74) N-amyl acetate	10.90	43	1187886	104.574	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	879718	95.411	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	810590m	96.988	ug/l	
77) Bromobenzene	11.26	156	751707	92.686	ug/l	99
78) n-propylbenzene	11.36	91	3045205	94.608	ug/l	99
79) 2-Chlorotoluene	11.42	91	1778632	90.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2288172	93.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	280452	137.703	ug/l	96
82) 4-Chlorotoluene	11.51	91	2123952	95.332	ug/l	100
83) tert-Butylbenzene	11.77	119	2338657	96.628	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2329940	94.847	ug/l	99
85) sec-Butylbenzene	11.94	105	2726387	93.209	ug/l	100
86) p-Isopropyltoluene	12.07	119	2472031	95.320	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1342662	91.662	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1350884	88.802	ug/l	99
89) n-Butylbenzene	12.39	91	2192771	101.568	ug/l	99
90) Hexachloroethane	12.60	117	419951	128.234	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	1339304	93.106	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	193386	112.019	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	967241	100.608	ug/l	99
94) Hexachlorobutadiene	13.78	225	420088	97.332	ug/l	98
95) Naphthalene	13.83	128	2903025	98.788	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	951358	98.845	ug/l	98

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

