

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008350.D
 Acq On : 23 Mar 2019 14:42
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:16:50 AM

Quant Time: Mar 23 15:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	291396	96.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.12%	
35) Dibromofluoromethane	5.50	113	218879	93.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.58%	
50) Toluene-d8	8.71	98	869802	98.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.60%	
62) 4-Bromofluorobenzene	11.13	95	329149	108.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	220803	90.419	ug/l	99
3) Chloromethane	1.32	50	315765	103.050	ug/l	99
4) Vinyl Chloride	1.41	62	312774	102.377	ug/l	100
5) Bromomethane	1.64	94	193404	74.316	ug/l	100
6) Chloroethane	1.70	64	180189	94.066	ug/l	100
7) Trichlorofluoromethane	1.92	101	351835	90.239	ug/l	99
8) Diethyl Ether	2.19	74	166558	83.030	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209663	80.993	ug/l	89
10) Methyl Iodide	2.51	142	291123	88.324	ug/l	98
11) Tert butyl alcohol	3.07	59	343258	528.575	ug/l	100
12) 1,1-Dichloroethene	2.37	96	218309	89.328	ug/l	91
13) Acrolein	2.29	56	275149	555.882	ug/l	99
14) Allyl chloride	2.72	41	498086	93.624	ug/l	96
15) Acrylonitrile	3.15	53	839571	488.781	ug/l	99
16) Acetone	2.45	43	735885	427.713	ug/l	97
17) Carbon Disulfide	2.56	76	668653	84.845	ug/l	100
18) Methyl Acetate	2.78	43	358395	89.978	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	801199	90.669	ug/l	98
20) Methylene Chloride	2.85	84	255128	88.926	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	231365	87.632	ug/l	93
22) Diisopropyl ether	3.86	45	957840	91.928	ug/l	94
23) Vinyl Acetate	3.82	43	4340958	485.942	ug/l	98
24) 1,1-Dichloroethane	3.70	63	480107	89.590	ug/l	99
25) 2-Butanone	4.68	43	1238815	487.778	ug/l	97
26) 2,2-Dichloropropane	4.58	77	330131	81.776	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	270885	90.002	ug/l	90
28) Bromochloromethane	5.01	49	240081	99.770	ug/l #	79
29) Tetrahydrofuran	5.13	42	813839	512.605	ug/l	95
30) Chloroform	5.21	83	435490	86.875	ug/l	99
31) Cyclohexane	5.58	56	458778	91.168	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	356315	85.448	ug/l	96
36) 1,1-Dichloropropene	5.80	75	345121	85.030	ug/l	96
37) Ethyl Acetate	4.84	43	470834	98.132	ug/l	98
38) Carbon Tetrachloride	5.78	117	298328	82.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	424934	86.999	ug/l	92
40) Benzene	6.14	78	1042663	86.793	ug/l	100
41) Methacrylonitrile	5.04	41	262754	97.631	ug/l	96
42) 1,2-Dichloroethane	6.19	62	367227	83.445	ug/l	96
43) Isopropyl Acetate	6.45	43	756630	98.384	ug/l	97
44) Trichloroethene	7.21	130	239009	81.368	ug/l	90
45) 1,2-Dichloropropane	7.51	63	295684	87.923	ug/l	99
46) Dibromomethane	7.66	93	171846	84.397	ug/l #	85
47) Bromodichloromethane	7.90	83	348418	89.787	ug/l	99
48) Methyl methacrylate	7.77	41	382999	93.661	ug/l	94
49) 1,4-Dioxane	7.74	88	146130	2025.069	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	2464737	495.734	ug/l	98
52) Toluene	8.79	92	621115	87.149	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	405999	93.489	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	445823	92.573	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	254532	88.393	ug/l	97
56) Ethyl methacrylate	9.18	69	484671	105.222	ug/l	92
57) 1,3-Dichloropropane	9.37	76	453665	89.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1293320	548.179	ug/l	92
59) 2-Hexanone	9.49	43	1913427	499.883	ug/l	97
60) Dibromochloromethane	9.59	129	257626	93.094	ug/l	99
61) 1,2-Dibromoethane	9.67	107	265064	88.157	ug/l	99
64) Tetrachloroethene	9.34	164	193120	68.428	ug/l	95
65) Chlorobenzene	10.14	112	637183	82.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	229582	85.546	ug/l	98
67) Ethyl Benzene	10.25	91	1213704	89.479	ug/l	97
68) m/p-Xylenes	10.36	106	888538	178.326	ug/l	94
69) o-Xylene	10.70	106	429956	88.803	ug/l	94
70) Styrene	10.71	104	760158	96.608	ug/l	96
71) Bromoform	10.85	173	194716	95.382	ug/l #	100
73) Isopropylbenzene	11.02	105	1124940	82.073	ug/l	98
74) N-amyl acetate	10.90	43	713776	99.394	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	443793	90.296	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	366182m	84.666	ug/l	
77) Bromobenzene	11.26	156	272379	82.190	ug/l	81
78) n-propylbenzene	11.36	91	1350963	84.862	ug/l	95
79) 2-Chlorotoluene	11.42	91	800464	83.774	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	986500	87.118	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	157951	104.460	ug/l	96
82) 4-Chlorotoluene	11.51	91	949770	85.420	ug/l	94
83) tert-Butylbenzene	11.77	119	953656	88.210	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	992407	86.448	ug/l	97
85) sec-Butylbenzene	11.94	105	1123097	83.886	ug/l	96
86) p-Isopropyltoluene	12.06	119	1023452	88.313	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	490862	82.880	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	495144	80.825	ug/l	97
89) n-Butylbenzene	12.38	91	1003037	92.216	ug/l	97
90) Hexachloroethane	12.60	117	174492	88.408	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	494043	82.731	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101201	92.706	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	338184	85.976	ug/l	99
94) Hexachlorobutadiene	13.78	225	159968	83.387	ug/l	99
95) Naphthalene	13.83	128	1170577	94.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	336088	86.835	ug/l	98

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

