

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005285.D
 Acq On : 12 Oct 2018 10:32
 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
 10/17/2018 9:04:35 AM

Quant Time: Oct 12 10:54:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 10:42:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	297252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	300299	78.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	156.70%	
35) Dibromofluoromethane	5.51	113	254789	68.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.80%	
50) Toluene-d8	8.72	98	911429	72.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.94%	
62) 4-Bromofluorobenzene	11.14	95	356575	79.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	227025	81.49	ug/l	91
3) Chloromethane	1.32	50	303368	79.13	ug/l	98
4) Vinyl Chloride	1.41	62	327909	83.33	ug/l	91
5) Bromomethane	1.64	94	187391	99.79	ug/l	97
6) Chloroethane	1.70	64	181145	71.19	ug/l	90
7) Trichlorofluoromethane	1.92	101	429607	82.35	ug/l	98
8) Diethyl Ether	2.19	74	186124	79.59	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.37	101	237794	71.86	ug/l	93
10) Methyl Iodide	2.50	142	304438	83.65	ug/l	98
11) Tert butyl alcohol	3.10	59	456473	499.12	ug/l	99
12) 1,1-Dichloroethene	2.37	96	239303	77.05	ug/l	96
13) Acrolein	2.29	56	291847	808.40	ug/l	95
14) Allyl chloride	2.71	41	572135	89.60	ug/l	90
15) Acrylonitrile	3.16	53	1023254	464.62	ug/l	98
16) Acetone	2.45	43	853755	456.38	ug/l	99
17) Carbon Disulfide	2.56	76	758789	84.52	ug/l	98
18) Methyl Acetate	2.78	43	499327	95.14	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	847550	77.77	ug/l	# 89
20) Methylene Chloride	2.85	84	273207	71.19	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	266524	77.66	ug/l	85
22) Diisopropyl ether	3.87	45	876089	76.18	ug/l	92
23) Vinyl Acetate	3.82	43	3918206	421.01	ug/l	# 94
24) 1,1-Dichloroethane	3.70	63	473921	72.99	ug/l	98
25) 2-Butanone	4.71	43	1336877	449.03	ug/l	94
26) 2,2-Dichloropropane	4.57	77	394257	88.41	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	303825	79.30	ug/l	97
28) Bromochloromethane	5.01	49	225167	75.81	ug/l	89
29) Tetrahydrofuran	5.16	42	883250	491.94	ug/l	93
30) Chloroform	5.21	83	455749	71.90	ug/l	98
31) Cyclohexane	5.57	56	472656	85.25	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	422167	82.69	ug/l	99
36) 1,1-Dichloropropene	5.79	75	361459	73.15	ug/l	97
37) Ethyl Acetate	4.86	43	473745	84.29	ug/l	98
38) Carbon Tetrachloride	5.78	117	378263	78.37	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	406061	78.74	ug/l	97
40) Benzene	6.15	78	1101348	75.12	ug/l	98
41) Methacrylonitrile	5.07	41	261639	84.49	ug/l	98
42) 1,2-Dichloroethane	6.20	62	373798	76.87	ug/l	97
43) Isopropyl Acetate	6.46	43	669567	89.70	ug/l	97
44) Trichloroethene	7.21	130	302670	79.46	ug/l	97
45) 1,2-Dichloropropane	7.52	63	264722	75.03	ug/l	98
46) Dibromomethane	7.66	93	177084	79.45	ug/l	98
47) Bromodichloromethane	7.90	83	340136	80.70	ug/l	100
48) Methyl methacrylate	7.78	41	357962	96.90	ug/l	94
49) 1,4-Dioxane	7.76	88	163071	1865.00	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	2407597	457.03	ug/l	95
52) Toluene	8.79	92	642850	74.42	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	401023	81.45	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	421982	84.07	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	262285	70.52	ug/l	97
56) Ethyl methacrylate	9.18	69	439475	83.52	ug/l	95
57) 1,3-Dichloropropane	9.37	76	442150	73.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1176700	487.45	ug/l	95
59) 2-Hexanone	9.50	43	1954951	483.82	ug/l	94
60) Dibromochloromethane	9.59	129	290310	82.91	ug/l	100
61) 1,2-Dibromoethane	9.68	107	281152	79.13	ug/l	99
64) Tetrachloroethene	9.34	164	273418	62.10	ug/l	98
65) Chlorobenzene	10.14	112	736503	84.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	272256	90.13	ug/l	99
67) Ethyl Benzene	10.26	91	1277306	89.68	ug/l	99
68) m/p-Xylenes	10.36	106	995620	181.47	ug/l	95
69) o-Xylene	10.70	106	480818	91.16	ug/l	97
70) Styrene	10.71	104	820471	93.89	ug/l	97
71) Bromoform	10.86	173	261893	105.59	ug/l	99
73) Isopropylbenzene	11.02	105	1305077	93.17	ug/l	99
74) N-amyl acetate	10.90	43	659904	111.93	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	462418	102.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	411180m	96.09	ug/l	
77) Bromobenzene	11.26	156	356519	92.09	ug/l	100
78) n-propylbenzene	11.36	91	1512206	93.90	ug/l	100
79) 2-Chlorotoluene	11.42	91	894638	91.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1139864	96.80	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	148740	110.80	ug/l	96
82) 4-Chlorotoluene	11.51	91	1079884	94.73	ug/l	100
83) tert-Butylbenzene	11.77	119	1153742	102.92	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1173474	97.61	ug/l	98
85) sec-Butylbenzene	11.95	105	1365920	95.62	ug/l	99
86) p-Isopropyltoluene	12.07	119	1244985	98.69	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	676123	93.60	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	683764	91.61	ug/l	100
89) n-Butylbenzene	12.39	91	1131754	98.45	ug/l	98
90) Hexachloroethane	12.60	117	212314	105.13	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	678244	92.77	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	117478	121.78	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	540922	104.49	ug/l	99
94) Hexachlorobutadiene	13.79	225	266261	98.47	ug/l	97
95) Naphthalene	13.83	128	1659711	114.31	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	548207	103.08	ug/l	99

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

