

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009907.D
 Acq On : 28 May 2019 11:30
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:24:54 AM

Quant Time: May 29 03:57:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	230847	100.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.46%	
35) Dibromofluoromethane	5.50	113	167340	99.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.46%	
50) Toluene-d8	8.71	98	694044	101.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.42%	
62) 4-Bromofluorobenzene	11.13	95	255706	102.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	229442	135.944	ug/l	99
3) Chloromethane	1.32	50	268102	119.854	ug/l	99
4) Vinyl Chloride	1.41	62	256903	119.034	ug/l	99
5) Bromomethane	1.64	94	154903	119.767	ug/l	98
6) Chloroethane	1.71	64	148151	108.647	ug/l	98
7) Trichlorofluoromethane	1.92	101	280607	108.692	ug/l	100
8) Diethyl Ether	2.19	74	123715	102.381	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	163404	101.966	ug/l	99
10) Methyl Iodide	2.51	142	210020	123.623	ug/l	99
11) Tert butyl alcohol	3.06	59	281517	519.511	ug/l	100
12) 1,1-Dichloroethene	2.37	96	171153	106.666	ug/l	98
13) Acrolein	2.29	56	205548	435.377	ug/l	100
14) Allyl chloride	2.72	41	419720	106.657	ug/l	99
15) Acrylonitrile	3.15	53	683713	516.915	ug/l	100
16) Acetone	2.45	43	669472	529.799	ug/l	98
17) Carbon Disulfide	2.56	76	525751	115.161	ug/l	99
18) Methyl Acetate	2.78	43	300909	101.112	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	636480	102.570	ug/l	100
20) Methylene Chloride	2.85	84	199981	98.851	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	180811	104.159	ug/l	99
22) Diisopropyl ether	3.85	45	781241	103.761	ug/l	95
23) Vinyl Acetate	3.82	43	3586001	553.757	ug/l	99
24) 1,1-Dichloroethane	3.70	63	374512	101.081	ug/l	100
25) 2-Butanone	4.68	43	1073347	547.773	ug/l	100
26) 2,2-Dichloropropane	4.58	77	290622	105.276	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	209028	101.201	ug/l	99
28) Bromochloromethane	5.02	49	184261	109.756	ug/l	100
29) Tetrahydrofuran	5.13	42	685760	545.080	ug/l	100
30) Chloroform	5.21	83	336072	100.512	ug/l	99
31) Cyclohexane	5.58	56	376205	107.814	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	287824	103.162	ug/l	99
36) 1,1-Dichloropropene	5.80	75	270473	106.230	ug/l	99
37) Ethyl Acetate	4.84	43	391985	109.780	ug/l	100
38) Carbon Tetrachloride	5.78	117	245042	105.987	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	341090	108.759	ug/l	99
40) Benzene	6.14	78	817678	104.029	ug/l	100
41) Methacrylonitrile	5.04	41	220410	104.302	ug/l	99
42) 1,2-Dichloroethane	6.19	62	292327	103.266	ug/l	100
43) Isopropyl Acetate	6.45	43	629788	110.649	ug/l	100
44) Trichloroethene	7.21	130	194072	102.277	ug/l	100
45) 1,2-Dichloropropane	7.51	63	232382	104.431	ug/l	98
46) Dibromomethane	7.66	93	132823	102.842	ug/l	100
47) Bromodichloromethane	7.90	83	272589	106.003	ug/l	100
48) Methyl methacrylate	7.77	41	321355	113.412	ug/l	100
49) 1,4-Dioxane	7.74	88	110883	1955.871	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2027700	543.651	ug/l	99
52) Toluene	8.79	92	499777	104.573	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	333965	114.120	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	358586	111.134	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	200306	103.263	ug/l	99
56) Ethyl methacrylate	9.18	69	378659	108.579	ug/l	100
57) 1,3-Dichloropropane	9.37	76	357110	104.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	965123	527.130	ug/l	100
59) 2-Hexanone	9.49	43	1557776	532.272	ug/l	99
60) Dibromochloromethane	9.59	129	209625	110.223	ug/l	99
61) 1,2-Dibromoethane	9.67	107	207724	105.913	ug/l	100
64) Tetrachloroethene	9.34	164	173843	100.317	ug/l	98
65) Chlorobenzene	10.14	112	521085	103.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	190460	104.250	ug/l	99
67) Ethyl Benzene	10.25	91	972145	104.651	ug/l	100
68) m/p-Xylenes	10.36	106	717907	211.276	ug/l	99
69) o-Xylene	10.69	106	346958	103.555	ug/l	100
70) Styrene	10.71	104	610406	105.088	ug/l	99
71) Bromoform	10.85	173	161826	108.828	ug/l	98
73) Isopropylbenzene	11.02	105	926422	102.909	ug/l	99
74) N-amyl acetate	10.90	43	558071	105.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	324648	97.201	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	283781m	98.775	ug/l	
77) Bromobenzene	11.26	156	225342	100.967	ug/l	99
78) n-propylbenzene	11.36	91	1090402	105.861	ug/l	100
79) 2-Chlorotoluene	11.42	91	634703	99.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	788394	103.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	126083	111.698	ug/l	97
82) 4-Chlorotoluene	11.51	91	743294	103.389	ug/l	99
83) tert-Butylbenzene	11.77	119	753423	102.220	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	792600	104.021	ug/l	100
85) sec-Butylbenzene	11.94	105	905825	103.629	ug/l	100
86) p-Isopropyltoluene	12.06	119	829618	105.459	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	402599	101.250	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	401437	100.090	ug/l	99
89) n-Butylbenzene	12.38	91	786184	110.092	ug/l	99
90) Hexachloroethane	12.60	117	145568	108.803	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	397763	98.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78510	104.806	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	290658	104.991	ug/l	99
94) Hexachlorobutadiene	13.78	225	145779	102.862	ug/l	99
95) Naphthalene	13.83	128	924540	103.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284532	101.633	ug/l	98

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

