

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015369.D
 Acq On : 26 Mar 2020 21:01
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 3/27/2020 5:16:20 PM

Quant Time: Mar 27 09:17:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1036561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1643496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1537598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	816617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1443233	106.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.68%	
35) Dibromofluoromethane	5.47	113	1068966	99.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.38%	
50) Toluene-d8	8.70	98	3920362	100.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.06%	
62) 4-Bromofluorobenzene	11.12	95	1611235	107.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1027749	94.766	ug/l	99
3) Chloromethane	1.31	50	1228379	97.285	ug/l	99
4) Vinyl Chloride	1.39	62	1144129	93.246	ug/l	99
5) Bromomethane	1.62	94	452852	95.528	ug/l	99
6) Chloroethane	1.70	64	680049	88.652	ug/l	99
7) Trichlorofluoromethane	1.91	101	1554099	95.471	ug/l	98
8) Diethyl Ether	2.17	74	593776	84.733	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1005574	82.301	ug/l	99
10) Methyl Iodide	2.49	142	1504478	110.058	ug/l	99
11) Tert butyl alcohol	3.03	59	1659050	597.252	ug/l	99
12) 1,1-Dichloroethene	2.35	96	1024681	79.927	ug/l	96
13) Acrolein	2.27	56	1032095	421.690	ug/l	100
14) Allyl chloride	2.70	41	2341014	114.033	ug/l	99
15) Acrylonitrile	3.12	53	3325016	491.864	ug/l	100
16) Acetone	2.42	43	3052946	529.730	ug/l	98
17) Carbon Disulfide	2.55	76	3102489	89.499	ug/l	99
18) Methyl Acetate	2.75	43	1579263	108.855	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	3808891	97.859	ug/l	100
20) Methylene Chloride	2.83	84	1150371	75.754	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	1109720	79.536	ug/l	98
22) Diisopropyl ether	3.83	45	4112068	101.743	ug/l	97
23) Vinyl Acetate	3.79	43	17868905	539.391	ug/l	98
24) 1,1-Dichloroethane	3.67	63	2149307	89.574	ug/l	99
25) 2-Butanone	4.64	43	4956986	563.683	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1793920	95.958	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	1271164	82.457	ug/l	98
28) Bromochloromethane	4.98	49	1033746	101.730	ug/l	100
29) Tetrahydrofuran	5.09	42	3199121	560.867	ug/l	100
30) Chloroform	5.18	83	2085675	86.244	ug/l	96
31) Cyclohexane	5.55	56	2005483	107.636	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	1936442	97.863	ug/l	99
36) 1,1-Dichloropropene	5.78	75	1608007	105.285	ug/l	100
37) Ethyl Acetate	4.80	43	1973991	128.936	ug/l	100
38) Carbon Tetrachloride	5.76	117	1733285	118.008	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1924283	108.490	ug/l	99
40) Benzene	6.12	78	4586337	97.934	ug/l	99
41) Methacrylonitrile	5.01	41	1132969	136.433	ug/l	100
42) 1,2-Dichloroethane	6.17	62	1821293	121.028	ug/l	100
43) Isopropyl Acetate	6.42	43	3412760	143.895	ug/l	99
44) Trichloroethene	7.19	130	1285637	100.193	ug/l	97
45) 1,2-Dichloropropane	7.50	63	1245328	110.111	ug/l	97
46) Dibromomethane	7.64	93	808762	102.254	ug/l	98
47) Bromodichloromethane	7.88	83	1764225	116.771	ug/l	97
48) Methyl methacrylate	7.75	41	1710289	150.135	ug/l	99
49) 1,4-Dioxane	7.72	88	641253	2212.084	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	9265084	645.829	ug/l	99
52) Toluene	8.77	92	2876879	100.229	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	2051521	125.005	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	2102920	115.371	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	1158144	94.267	ug/l	99
56) Ethyl methacrylate	9.16	69	2068669	123.843	ug/l	99
57) 1,3-Dichloropropane	9.36	76	2030977	99.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	4989878	534.555	ug/l	100
59) 2-Hexanone	9.48	43	7224701	674.726	ug/l	98
60) Dibromochloromethane	9.57	129	1401114	113.499	ug/l	99
61) 1,2-Dibromoethane	9.65	107	1255004	99.825	ug/l	100
64) Tetrachloroethene	9.32	164	1155540	104.459	ug/l	99
65) Chlorobenzene	10.12	112	3079002	96.146	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	1227144	103.531	ug/l	97
67) Ethyl Benzene	10.24	91	5579202	102.431	ug/l	99
68) m/p-Xylenes	10.34	106	4128239	200.124	ug/l	97
69) o-Xylene	10.68	106	2055565	102.510	ug/l	99
70) Styrene	10.70	104	3637403	108.551	ug/l	99
71) Bromoform	10.84	173	1145058	139.720	ug/l #	97
73) Isopropylbenzene	11.00	105	5461572	91.765	ug/l	98
74) N-amyl acetate	10.89	43	3009458	133.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1837137	96.516	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1694546m	98.594	ug/l	
77) Bromobenzene	11.24	156	1415938	99.218	ug/l	99
78) n-propylbenzene	11.35	91	6227162	93.144	ug/l	99
79) 2-Chlorotoluene	11.41	91	3797969	93.311	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	4608812	95.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	719096	111.779	ug/l	98
82) 4-Chlorotoluene	11.49	91	4428596	95.834	ug/l	98
83) tert-Butylbenzene	11.76	119	4615203	97.774	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	4745073	95.480	ug/l	100
85) sec-Butylbenzene	11.93	105	5307210	94.917	ug/l	99
86) p-Isopropyltoluene	12.05	119	5065440	100.876	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2631666	98.382	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	2627468	93.722	ug/l	100
89) n-Butylbenzene	12.37	91	4560753	96.546	ug/l	99
90) Hexachloroethane	12.58	117	1000988	101.498	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	2587077	96.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	508575	119.124	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2042085	121.875	ug/l	97
94) Hexachlorobutadiene	13.77	225	998806	141.906	ug/l	97
95) Naphthalene	13.82	128	6210059	114.039	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2053227	124.744	ug/l	99

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

