

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016935.D
 Acq On : 23 Jun 2020 17:16
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:54:35 AM

Quant Time: Jun 24 00:25:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	199749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	134923	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	147476	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
35) Dibromofluoromethane	5.46	113	111356	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	8.70	98	406864	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	168488	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	116453	49.992	ug/l	100
3) Chloromethane	1.32	50	103771	47.320	ug/l	100
4) Vinyl Chloride	1.39	62	105172	47.966	ug/l	100
5) Bromomethane	1.62	94	61243	51.939	ug/l	100
6) Chloroethane	1.71	64	71558	45.061	ug/l	100
7) Trichlorofluoromethane	1.92	101	180803	46.749	ug/l	100
8) Diethyl Ether	2.17	74	64820	44.079	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103355	47.919	ug/l	100
10) Methyl Iodide	2.50	142	139872	50.277	ug/l	100
11) Tert butyl alcohol	3.01	59	162802	245.459	ug/l	100
12) 1,1-Dichloroethene	2.35	96	98383	48.452	ug/l	100
13) Acrolein	2.27	56	85669	245.116	ug/l	100
14) Allyl chloride	2.71	41	225413	48.515	ug/l	100
15) Acrylonitrile	3.12	53	359367	248.040	ug/l	100
16) Acetone	2.42	43	284160	237.014	ug/l	100
17) Carbon Disulfide	2.55	76	297661	46.615	ug/l	100
18) Methyl Acetate	2.75	43	192312	48.440	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	425776	48.510	ug/l	100
20) Methylene Chloride	2.84	84	133863	44.759	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	117040	46.233	ug/l	100
22) Diisopropyl ether	3.82	45	364577	44.607	ug/l	100
23) Vinyl Acetate	3.79	43	1519401	230.186	ug/l	100
24) 1,1-Dichloroethane	3.67	63	189563	40.278	ug/l	100
25) 2-Butanone	4.63	43	482006	254.750	ug/l	100
26) 2,2-Dichloropropane	4.55	77	200508	48.461	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	132140	46.405	ug/l	100
28) Bromochloromethane	4.98	49	116257	47.560	ug/l	100
29) Tetrahydrofuran	5.09	42	329900	283.987	ug/l	100
30) Chloroform	5.18	83	248463	50.113	ug/l	100
31) Cyclohexane	5.55	56	191038	50.951	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	212129	48.803	ug/l	100
36) 1,1-Dichloropropene	5.77	75	174119	53.444	ug/l	100
37) Ethyl Acetate	4.79	43	194524	54.343	ug/l	100
38) Carbon Tetrachloride	5.76	117	190131	54.575	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	189299	52.721	ug/l	100
40) Benzene	6.12	78	506100	54.218	ug/l	100
41) Methacrylonitrile	5.01	41	113863	54.604	ug/l	100
42) 1,2-Dichloroethane	6.17	62	197297	51.494	ug/l	100
43) Isopropyl Acetate	6.42	43	329971	52.906	ug/l	100
44) Trichloroethene	7.19	130	128705	49.259	ug/l	100
45) 1,2-Dichloropropane	7.49	63	127178	49.177	ug/l	100
46) Dibromomethane	7.64	93	91456	51.166	ug/l	100
47) Bromodichloromethane	7.88	83	178897	47.720	ug/l	100
48) Methyl methacrylate	7.74	41	132766	45.780	ug/l	100
49) 1,4-Dioxane	7.71	88	63156	1012.582	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	962769	265.014	ug/l	100
52) Toluene	8.76	92	292431	51.000	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	227325	52.681	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	192771	46.296	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	127565	49.122	ug/l	100
56) Ethyl methacrylate	9.16	69	211014	52.459	ug/l	100
57) 1,3-Dichloropropane	9.35	76	212704	48.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	438908	266.383	ug/l	100
59) 2-Hexanone	9.48	43	775032	278.600	ug/l	100
60) Dibromochloromethane	9.57	129	159283	56.070	ug/l	100
61) 1,2-Dibromoethane	9.65	107	147680	55.235	ug/l	100
64) Tetrachloroethene	9.32	164	104088	43.107	ug/l	100
65) Chlorobenzene	10.12	112	357974	49.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	139299	49.497	ug/l	100
67) Ethyl Benzene	10.24	91	643902	49.555	ug/l	100
68) m/p-Xylenes	10.34	106	465354	97.518	ug/l	100
69) o-Xylene	10.68	106	231745	50.839	ug/l	100
70) Styrene	10.69	104	411674	53.065	ug/l	100
71) Bromoform	10.84	173	103578	49.494	ug/l	100
73) Isopropylbenzene	11.00	105	615670	61.496	ug/l	100
74) N-amyl acetate	10.88	43	300895	60.053	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	192491	57.459	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	194474m	50.345	ug/l	
77) Bromobenzene	11.24	156	141825	57.699	ug/l	100
78) n-propylbenzene	11.35	91	684642	59.984	ug/l	100
79) 2-Chlorotoluene	11.40	91	437555	60.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	474633	56.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77643	59.829	ug/l	100
82) 4-Chlorotoluene	11.49	91	482153	55.733	ug/l	100
83) tert-Butylbenzene	11.76	119	506333	61.334	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	478185	57.083	ug/l	100
85) sec-Butylbenzene	11.93	105	497212	53.391	ug/l	100
86) p-Isopropyltoluene	12.05	119	444074	51.521	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	213626	48.323	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	220532	49.727	ug/l	100
89) n-Butylbenzene	12.37	91	427168	52.343	ug/l	100
90) Hexachloroethane	12.58	117	92430	54.589	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	215782	50.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44381	51.607	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	167178	60.075	ug/l	100
94) Hexachlorobutadiene	13.77	225	59152	60.929	ug/l	100
95) Naphthalene	13.82	128	614725	65.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	164873	61.250	ug/l	100

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

