

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016450.D
 Acq On : 27 May 2020 15:50
 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
 5/28/2020 2:10:27 PM

Quant Time: May 27 16:21:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	443821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	358998	96.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.56%	
35) Dibromofluoromethane	5.47	113	281259	99.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.26%	
50) Toluene-d8	8.70	98	1113711	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
62) 4-Bromofluorobenzene	11.12	95	431825	104.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	298880	100.734	ug/l	98
3) Chloromethane	1.31	50	341019	98.868	ug/l	99
4) Vinyl Chloride	1.39	62	371926	100.864	ug/l	99
5) Bromomethane	1.62	94	172223	93.839	ug/l	99
6) Chloroethane	1.70	64	220178	99.102	ug/l	98
7) Trichlorofluoromethane	1.90	101	492077	101.681	ug/l	99
8) Diethyl Ether	2.17	74	192754	94.942	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	268309	96.843	ug/l	99
10) Methyl Iodide	2.49	142	333592	93.318	ug/l	100
11) Tert butyl alcohol	3.03	59	464022	496.712	ug/l	99
12) 1,1-Dichloroethene	2.35	96	277537	95.661	ug/l	96
13) Acrolein	2.27	56	199509	366.057	ug/l	96
14) Allyl chloride	2.70	41	526846	98.705	ug/l	100
15) Acrylonitrile	3.12	53	975414	501.633	ug/l	100
16) Acetone	2.42	43	792945	481.406	ug/l	100
17) Carbon Disulfide	2.54	76	837605	84.869	ug/l	100
18) Methyl Acetate	2.75	43	412367	101.009	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1036274	102.670	ug/l	100
20) Methylene Chloride	2.83	84	320234	94.207	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	315737	97.006	ug/l	96
22) Diisopropyl ether	3.83	45	1014533	100.094	ug/l	91
23) Vinyl Acetate	3.79	43	4599379	516.439	ug/l	99
24) 1,1-Dichloroethane	3.67	63	567530	100.144	ug/l	99
25) 2-Butanone	4.64	43	1385822	518.351	ug/l	99
26) 2,2-Dichloropropane	4.55	77	465800	91.923	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	356251	99.866	ug/l	98
28) Bromochloromethane	4.98	49	256560	99.705	ug/l	99
29) Tetrahydrofuran	5.09	42	904222	511.086	ug/l	100
30) Chloroform	5.18	83	570802	101.210	ug/l	99
31) Cyclohexane	5.55	56	511193	100.323	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	519392	101.208	ug/l	100
36) 1,1-Dichloropropene	5.77	75	440191	100.553	ug/l	99
37) Ethyl Acetate	4.80	43	522480	102.814	ug/l	99
38) Carbon Tetrachloride	5.75	117	464532	104.065	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	486352	93.998	ug/l	99
40) Benzene	6.11	78	1310034	102.049	ug/l	100
41) Methacrylonitrile	5.01	41	290128	105.925	ug/l	98
42) 1,2-Dichloroethane	6.17	62	463966	100.477	ug/l	100
43) Isopropyl Acetate	6.42	43	828931	102.479	ug/l	100
44) Trichloroethene	7.19	130	392457	87.635	ug/l	100
45) 1,2-Dichloropropane	7.49	63	335940	103.584	ug/l	99
46) Dibromomethane	7.64	93	223960	101.632	ug/l	100
47) Bromodichloromethane	7.88	83	473648	105.485	ug/l	98
48) Methyl methacrylate	7.75	41	405775	105.554	ug/l	99
49) 1,4-Dioxane	7.72	88	184807	2010.203	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2627967	529.286	ug/l	99
52) Toluene	8.77	92	839844	104.971	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	553095	103.681	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	575351	103.188	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	334390	106.334	ug/l	97
56) Ethyl methacrylate	9.16	69	573083	111.344	ug/l	100
57) 1,3-Dichloropropane	9.35	76	572110	104.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1442228	529.528	ug/l	99
59) 2-Hexanone	9.48	43	2062399	528.130	ug/l	99
60) Dibromochloromethane	9.57	129	385907	110.978	ug/l	100
61) 1,2-Dibromoethane	9.65	107	357983	105.402	ug/l	99
64) Tetrachloroethene	9.32	164	456578	89.214	ug/l	98
65) Chlorobenzene	10.12	112	889062	100.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	344423	105.257	ug/l	99
67) Ethyl Benzene	10.24	91	1611297	102.240	ug/l	99
68) m/p-Xylenes	10.34	106	1206705	204.831	ug/l	100
69) o-Xylene	10.68	106	584120	103.234	ug/l	99
70) Styrene	10.70	104	1036138	107.428	ug/l	100
71) Bromoform	10.84	173	305813	113.829	ug/l #	99
73) Isopropylbenzene	11.01	105	1568411	101.365	ug/l	100
74) N-amyl acetate	10.88	43	738901	102.377	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	424972	147.299	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	476745m	98.589	ug/l	
77) Bromobenzene	11.24	156	399562	99.652	ug/l	99
78) n-propylbenzene	11.35	91	1782544	99.270	ug/l	100
79) 2-Chlorotoluene	11.41	91	1066345	100.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1332824	101.886	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	207103	103.330	ug/l	98
82) 4-Chlorotoluene	11.49	91	1276377	101.530	ug/l	99
83) tert-Butylbenzene	11.76	119	1163725	103.138	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1354515	102.414	ug/l	100
85) sec-Butylbenzene	11.93	105	1445802	96.292	ug/l	100
86) p-Isopropyltoluene	12.05	119	1358466	97.268	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	707254	98.524	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	713577	97.935	ug/l	98
89) n-Butylbenzene	12.37	91	1162451	91.931	ug/l	100
90) Hexachloroethane	12.58	117	240479	100.589	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	687194	99.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128445	100.811	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	477595	94.236	ug/l	98
94) Hexachlorobutadiene	13.77	225	186722	81.841	ug/l	97
95) Naphthalene	13.82	128	1631004	99.022	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	462911	94.165	ug/l	99

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

