

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017968.D
 Acq On : 18 Aug 2020 19:44
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 8:53:55 AM

Quant Time: Aug 19 03:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	437071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	678900	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	664011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	364131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	933220	164.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.84%	
35) Dibromofluoromethane	5.47	113	746945	163.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.24%	
50) Toluene-d8	8.70	98	2619313	159.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.56%	
62) 4-Bromofluorobenzene	11.12	95	993402	150.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	993313	199.780	ug/l	95
3) Chloromethane	1.31	50	963584	161.959	ug/l	98
4) Vinyl Chloride	1.39	62	950453	168.174	ug/l	99
5) Bromomethane	1.62	94	543356	166.155	ug/l	97
6) Chloroethane	1.69	64	519082	153.796	ug/l	99
7) Trichlorofluoromethane	1.90	101	1401505	157.821	ug/l	97
8) Diethyl Ether	2.17	74	397925	129.566	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	616433	131.359	ug/l	99
10) Methyl Iodide	2.48	142	899512	149.957	ug/l	99
11) Tert butyl alcohol	3.04	59	994172	850.500	ug/l	99
12) 1,1-Dichloroethene	2.35	96	587342	133.041	ug/l	97
13) Acrolein	2.28	56	498532	650.241	ug/l	100
14) Allyl chloride	2.70	41	1141401	143.538	ug/l	99
15) Acrylonitrile	3.12	53	2258837	888.712	ug/l	99
16) Acetone	2.43	43	1992012	803.445	ug/l	100
17) Carbon Disulfide	2.54	76	1552614	117.807	ug/l	99
18) Methyl Acetate	2.75	43	1050850	180.450	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	2509542	162.273	ug/l	99
20) Methylene Chloride	2.83	84	713374	134.401	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	646998	137.730	ug/l	96
22) Diisopropyl ether	3.83	45	2206831	146.090	ug/l	99
23) Vinyl Acetate	3.79	43	8543415	657.004	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1259889	145.676	ug/l	98
25) 2-Butanone	4.65	43	2841086	800.512	ug/l	96
26) 2,2-Dichloropropane	4.55	77	1058931	136.093	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	702512	134.726	ug/l	100
28) Bromochloromethane	4.98	49	621488	156.123	ug/l	99
29) Tetrahydrofuran	5.10	42	1838169	832.448	ug/l	99
30) Chloroform	5.18	83	1347184	151.179	ug/l	98
31) Cyclohexane	5.54	56	1038465	147.601	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	1215646	145.114	ug/l	99
36) 1,1-Dichloropropene	5.77	75	825857	127.701	ug/l	99
37) Ethyl Acetate	4.81	43	1000742	143.811	ug/l	99
38) Carbon Tetrachloride	5.76	117	1062003	133.832	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1064994	139.549	ug/l	96
40) Benzene	6.12	78	2410193	130.352	ug/l	100
41) Methacrylonitrile	5.01	41	594372	146.169	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1058394	139.527	ug/l	99
43) Isopropyl Acetate	6.42	43	1731993	152.113	ug/l	99
44) Trichloroethene	7.19	130	771268	141.756	ug/l	94
45) 1,2-Dichloropropane	7.49	63	699682	134.621	ug/l	97
46) Dibromomethane	7.64	93	489253	133.483	ug/l	100
47) Bromodichloromethane	7.88	83	1110957	147.775	ug/l	99
48) Methyl methacrylate	7.75	41	860407	146.918	ug/l	98
49) 1,4-Dioxane	7.72	88	341327	3029.707	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	5656766	803.270	ug/l	99
52) Toluene	8.77	92	1709900	143.300	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1248132	153.373	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	1346017	161.383	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	785132	156.740	ug/l	98
56) Ethyl methacrylate	9.16	69	1189465	159.718	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1233938	150.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2938402	762.442	ug/l	99
59) 2-Hexanone	9.48	43	4219891	800.649	ug/l	99
60) Dibromochloromethane	9.57	129	988192	156.116	ug/l	97
61) 1,2-Dibromoethane	9.66	107	866117	161.023	ug/l	99
64) Tetrachloroethene	9.32	164	723096	124.186	ug/l	95
65) Chlorobenzene	10.12	112	1974933	139.103	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	861664	149.636	ug/l	98
67) Ethyl Benzene	10.24	91	3425906	145.286	ug/l	100
68) m/p-Xylenes	10.34	106	2844847	313.777	ug/l	97
69) o-Xylene	10.68	106	1309449	149.489	ug/l	99
70) Styrene	10.70	104	2258196	151.192	ug/l	98
71) Bromoform	10.84	173	816911	164.271	ug/l #	100
73) Isopropylbenzene	11.01	105	3576315	143.924	ug/l	99
74) N-amyl acetate	10.88	43	1713567	157.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1254491	158.790	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1146217m	152.751	ug/l	
77) Bromobenzene	11.24	156	935372	134.568	ug/l	99
78) n-propylbenzene	11.35	91	4130639	146.731	ug/l	100
79) 2-Chlorotoluene	11.41	91	2438331	140.040	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	3238014	153.090	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	450764	151.207	ug/l	99
82) 4-Chlorotoluene	11.49	91	3022986	148.243	ug/l	100
83) tert-Butylbenzene	11.76	119	2932026	145.466	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	3372375	157.765	ug/l	98
85) sec-Butylbenzene	11.93	105	3762735	159.008	ug/l	99
86) p-Isopropyltoluene	12.05	119	3448308	153.459	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1812174	152.675	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	1698731	137.787	ug/l	99
89) n-Butylbenzene	12.37	91	2892883	145.420	ug/l	98
90) Hexachloroethane	12.58	117	628138	141.108	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1637154	139.691	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	307454	142.814	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1190516	151.958	ug/l	96
94) Hexachlorobutadiene	13.76	225	468233	130.090	ug/l	95
95) Naphthalene	13.82	128	3774315	160.203	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1166056	148.975	ug/l	98

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

