

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018045.D
 Acq On : 20 Aug 2020 20:31
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:11 AM

Quant Time: Aug 21 02:52:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	584807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	951148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	936673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	809137	103.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.04%	
35) Dibromofluoromethane	5.46	113	651303	105.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.56%	
50) Toluene-d8	8.70	98	2408277	102.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.62%	
62) 4-Bromofluorobenzene	11.12	95	970036	107.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	744580	116.478	ug/l	96
3) Chloromethane	1.31	50	764142	105.599	ug/l	98
4) Vinyl Chloride	1.39	62	762760	99.420	ug/l	100
5) Bromomethane	1.62	94	362854	94.129	ug/l	99
6) Chloroethane	1.70	64	413310	90.616	ug/l	98
7) Trichlorofluoromethane	1.91	101	1021610	101.057	ug/l	96
8) Diethyl Ether	2.17	74	347816	84.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	533966	92.773	ug/l	98
10) Methyl Iodide	2.49	142	643118	88.289	ug/l	99
11) Tert butyl alcohol	3.03	59	800284	428.347	ug/l	98
12) 1,1-Dichloroethene	2.35	96	556881	92.590	ug/l	99
13) Acrolein	2.28	56	344157	310.499	ug/l	99
14) Allyl chloride	2.70	41	1059496	95.878	ug/l	100
15) Acrylonitrile	3.12	53	1840150	464.269	ug/l	100
16) Acetone	2.42	43	1556655	461.970	ug/l	96
17) Carbon Disulfide	2.54	76	1644187	80.700	ug/l	99
18) Methyl Acetate	2.75	43	784085	94.179	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	2026272	97.666	ug/l	98
20) Methylene Chloride	2.83	84	654307	92.656	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	624179	92.816	ug/l	99
22) Diisopropyl ether	3.83	45	2069195	98.626	ug/l	99
23) Vinyl Acetate	3.79	43	9511163	514.548	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1171066	99.624	ug/l	100
25) 2-Butanone	4.64	43	2669440	489.174	ug/l	99
26) 2,2-Dichloropropane	4.55	77	920196	87.335	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	724029	98.327	ug/l	99
28) Bromochloromethane	4.98	49	538986	99.714	ug/l	100
29) Tetrahydrofuran	5.10	42	1737834	481.128	ug/l	100
30) Chloroform	5.18	83	1198079	101.967	ug/l	97
31) Cyclohexane	5.55	56	986909	94.125	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1106213	103.448	ug/l	100
36) 1,1-Dichloropropene	5.77	75	889663	95.324	ug/l	100
37) Ethyl Acetate	4.80	43	1048424	97.840	ug/l	99
38) Carbon Tetrachloride	5.76	117	1006596	104.663	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	990200	89.581	ug/l	99
40) Benzene	6.12	78	2642364	97.199	ug/l	98
41) Methacrylonitrile	5.01	41	569637	98.297	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1005639	101.648	ug/l	100
43) Isopropyl Acetate	6.42	43	1734263	100.766	ug/l	99
44) Trichloroethene	7.19	130	741301	78.881	ug/l	99
45) 1,2-Dichloropropane	7.49	63	712077	102.470	ug/l	97
46) Dibromomethane	7.64	93	498301	105.071	ug/l	100
47) Bromodichloromethane	7.88	83	1011632	105.001	ug/l	98
48) Methyl methacrylate	7.75	41	885588	107.878	ug/l	99
49) 1,4-Dioxane	7.71	88	298978	1569.481	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	5456799	518.015	ug/l	99
52) Toluene	8.77	92	1672789	98.490	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1177731	103.373	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	1204402	101.250	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	709585	105.010	ug/l	98
56) Ethyl methacrylate	9.16	69	1159866	106.658	ug/l	100
57) 1,3-Dichloropropane	9.35	76	1204310	102.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2509667	445.057	ug/l	100
59) 2-Hexanone	9.48	43	4216953	510.397	ug/l	99
60) Dibromochloromethane	9.57	129	878775	116.908	ug/l	99
61) 1,2-Dibromoethane	9.65	107	792356	108.406	ug/l	99
64) Tetrachloroethene	9.32	164	645638	59.897	ug/l	94
65) Chlorobenzene	10.12	112	1921610	98.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	769302	105.576	ug/l	99
67) Ethyl Benzene	10.24	91	3311164	95.593	ug/l	100
68) m/p-Xylenes	10.34	106	2499282	192.519	ug/l	99
69) o-Xylene	10.68	106	1221376	98.056	ug/l	99
70) Styrene	10.70	104	2130286	100.492	ug/l	99
71) Bromoform	10.84	173	666295	111.739	ug/l #	99
73) Isopropylbenzene	11.01	105	3202123	96.705	ug/l	99
74) N-amyl acetate	10.88	43	1600074	102.937	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1071376	163.916	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1003551m	96.889	ug/l	
77) Bromobenzene	11.24	156	852694	99.043	ug/l	99
78) n-propylbenzene	11.35	91	3699823	96.275	ug/l	100
79) 2-Chlorotoluene	11.41	91	2238941	97.890	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2693916	96.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	407204	95.796	ug/l	98
82) 4-Chlorotoluene	11.49	91	2634019	97.658	ug/l	99
83) tert-Butylbenzene	11.76	119	2651755	107.858	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2746080	97.020	ug/l	99
85) sec-Butylbenzene	11.93	105	3040426	94.034	ug/l	100
86) p-Isopropyltoluene	12.05	119	2803855	93.412	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1511455	98.146	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1470107	94.166	ug/l	98
89) n-Butylbenzene	12.37	91	2521435	92.138	ug/l	100
90) Hexachloroethane	12.58	117	542930	103.901	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1421975	95.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	279630	102.258	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	962379	88.607	ug/l	98
94) Hexachlorobutadiene	13.77	225	362486	73.831	ug/l	95
95) Naphthalene	13.82	128	3374923	95.931	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	955612	90.580	ug/l	98

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

