

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017010.D
 Acq On : 29 Jun 2020 15:43
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:13:34 AM

Quant Time: Jun 29 17:03:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	329686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	515672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	504882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	350658	86.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.56%	
35) Dibromofluoromethane	5.46	113	289233	88.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.34%	
50) Toluene-d8	8.70	98	1085901	90.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.06%	
62) 4-Bromofluorobenzene	11.12	95	439288	93.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	284061	89.061	ug/l	99
3) Chloromethane	1.31	50	327943	84.943	ug/l	100
4) Vinyl Chloride	1.39	62	303750	84.798	ug/l	98
5) Bromomethane	1.62	94	144017	76.099	ug/l	100
6) Chloroethane	1.70	64	177285	83.800	ug/l	95
7) Trichlorofluoromethane	1.91	101	451649	85.254	ug/l	99
8) Diethyl Ether	2.17	74	159961	82.711	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	269787	84.968	ug/l	99
10) Methyl Iodide	2.49	142	392327	95.758	ug/l	97
11) Tert butyl alcohol	3.03	59	348817	449.877	ug/l	99
12) 1,1-Dichloroethene	2.35	96	277123	84.961	ug/l	99
13) Acrolein	2.28	56	206826	446.230	ug/l	98
14) Allyl chloride	2.70	41	518513	86.017	ug/l	100
15) Acrylonitrile	3.12	53	818729	439.247	ug/l	100
16) Acetone	2.42	43	641415	421.861	ug/l	99
17) Carbon Disulfide	2.54	76	816780	81.756	ug/l	99
18) Methyl Acetate	2.75	43	341376	86.008	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	963510	88.014	ug/l	100
20) Methylene Chloride	2.83	84	313165	80.585	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	308787	85.306	ug/l	97
22) Diisopropyl ether	3.82	45	958604	85.920	ug/l	98
23) Vinyl Acetate	3.79	43	4349490	453.677	ug/l	99
24) 1,1-Dichloroethane	3.67	63	545012	85.853	ug/l	100
25) 2-Butanone	4.64	43	1108764	437.650	ug/l	100
26) 2,2-Dichloropropane	4.55	77	467865	83.005	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	349998	85.336	ug/l	100
28) Bromochloromethane	4.98	49	258810	83.780	ug/l	100
29) Tetrahydrofuran	5.09	42	740050	442.110	ug/l	99
30) Chloroform	5.18	83	555196	85.315	ug/l	99
31) Cyclohexane	5.55	56	489474	89.202	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	511166	85.291	ug/l	99
36) 1,1-Dichloropropene	5.77	75	424159	87.030	ug/l	99
37) Ethyl Acetate	4.79	43	440507	89.082	ug/l	100
38) Carbon Tetrachloride	5.75	117	467566	87.102	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	501697	92.519	ug/l	98
40) Benzene	6.11	78	1257759	87.833	ug/l	99
41) Methacrylonitrile	5.01	41	249777	89.747	ug/l	97
42) 1,2-Dichloroethane	6.17	62	452590	87.501	ug/l	100
43) Isopropyl Acetate	6.42	43	748855	91.134	ug/l	100
44) Trichloroethene	7.19	130	359036	83.243	ug/l	99
45) 1,2-Dichloropropane	7.49	63	323816	88.043	ug/l	100
46) Dibromomethane	7.63	93	220760	87.917	ug/l	98
47) Bromodichloromethane	7.88	83	462021	89.284	ug/l	97
48) Methyl methacrylate	7.74	41	369760	94.716	ug/l	99
49) 1,4-Dioxane	7.71	88	161907	1830.675	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2297127	468.977	ug/l	100
52) Toluene	8.77	92	802705	89.783	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	531059	93.014	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	552420	90.258	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	328321	89.881	ug/l	98
56) Ethyl methacrylate	9.16	69	519812	99.980	ug/l	99
57) 1,3-Dichloropropane	9.35	76	542690	87.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1285755	496.895	ug/l	100
59) 2-Hexanone	9.48	43	1720186	480.862	ug/l	99
60) Dibromochloromethane	9.57	129	393183	92.675	ug/l	99
61) 1,2-Dibromoethane	9.65	107	355346	90.502	ug/l	99
64) Tetrachloroethene	9.32	164	336131	82.492	ug/l	98
65) Chlorobenzene	10.12	112	896407	86.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	350208	87.205	ug/l	99
67) Ethyl Benzene	10.24	91	1585354	91.100	ug/l	98
68) m/p-Xylenes	10.34	106	1213121	181.553	ug/l	99
69) o-Xylene	10.68	106	587633	92.446	ug/l	100
70) Styrene	10.70	104	1039095	95.995	ug/l	100
71) Bromoform	10.84	173	303353	95.257	ug/l	100
73) Isopropylbenzene	11.00	105	1584699	92.010	ug/l	100
74) N-amyl acetate	10.88	43	701815	95.498	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	466883	86.178	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	447809m	69.154	ug/l	
77) Bromobenzene	11.24	156	414204	87.504	ug/l	100
78) n-propylbenzene	11.34	91	1821687	93.533	ug/l	100
79) 2-Chlorotoluene	11.40	91	1080579	91.672	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1346667	94.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	183789	92.048	ug/l	98
82) 4-Chlorotoluene	11.49	91	1279324	90.790	ug/l	100
83) tert-Butylbenzene	11.76	119	1310444	93.443	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1393190	96.126	ug/l	100
85) sec-Butylbenzene	11.93	105	1566555	95.030	ug/l	100
86) p-Isopropyltoluene	12.05	119	1454687	94.792	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	733794	85.354	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	737377	85.284	ug/l	99
89) n-Butylbenzene	12.37	91	1278315	93.290	ug/l	100
90) Hexachloroethane	12.58	117	275090	90.900	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	695743	86.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	112699	87.201	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	492460	89.784	ug/l	99
94) Hexachlorobutadiene	13.77	225	192198	86.636	ug/l	96
95) Naphthalene	13.82	128	1605517	96.282	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	489523	92.221	ug/l	99

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

