

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019715.D
 Acq On : 04 Dec 2020 13:10
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:29 AM

Quant Time: Dec 04 13:33:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	333393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	541720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	521739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	267238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	608974	137.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	275.70%#
35) Dibromofluoromethane	5.46	113	500116	140.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	281.86%#
50) Toluene-d8	8.70	98	1928125	141.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	283.68%#
62) 4-Bromofluorobenzene	11.12	95	781495	151.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	303.76%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	455594	139.784	ug/l	100
3) Chloromethane	1.31	50	503237	112.407	ug/l	100
4) Vinyl Chloride	1.39	62	561850	139.476	ug/l	100
5) Bromomethane	1.62	94	164960	114.653	ug/l	97
6) Chloroethane	1.69	64	258591	50.463	ug/l	99
7) Trichlorofluoromethane	1.90	101	760261	136.588	ug/l	99
8) Diethyl Ether	2.17	74	321374	137.362	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	451872	136.798	ug/l	99
10) Methyl Iodide	2.48	142	688408	152.079	ug/l	100
11) Tert butyl alcohol	3.04	59	679964	694.013	ug/l	99
12) 1,1-Dichloroethene	2.35	96	465077	140.478	ug/l	100
13) Acrolein	2.28	56	385150	683.783	ug/l	100
14) Allyl chloride	2.70	41	770264	144.704	ug/l	99
15) Acrylonitrile	3.12	53	1500915	732.964	ug/l	100
16) Acetone	2.42	43	1214027	682.132	ug/l	100
17) Carbon Disulfide	2.54	76	1281430	142.694	ug/l	99
18) Methyl Acetate	2.75	43	616503	137.895	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1675977	143.588	ug/l	100
20) Methylene Chloride	2.83	84	549504	120.852	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	521034	139.280	ug/l	99
22) Diisopropyl ether	3.82	45	1546884	140.349	ug/l	95
23) Vinyl Acetate	3.78	43	6729849	725.140	ug/l	100
24) 1,1-Dichloroethane	3.67	63	916487	137.258	ug/l	99
25) 2-Butanone	4.64	43	1956462	743.786	ug/l	99
26) 2,2-Dichloropropane	4.55	77	814689	146.169	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	607162	139.318	ug/l	99
28) Bromochloromethane	4.98	49	435272	143.014	ug/l	100
29) Tetrahydrofuran	5.09	42	1248143	741.957	ug/l	100
30) Chloroform	5.18	83	944063	137.639	ug/l	99
31) Cyclohexane	5.54	56	806448	138.151	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	834140	142.444	ug/l	99
36) 1,1-Dichloropropene	5.76	75	716768	143.108	ug/l	99
37) Ethyl Acetate	4.79	43	749661	149.455	ug/l	100
38) Carbon Tetrachloride	5.75	117	720484	144.864	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	867785	147.416	ug/l	100
40) Benzene	6.11	78	2177052	139.387	ug/l	100
41) Methacrylonitrile	5.01	41	410440	147.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	746708	139.165	ug/l	100
43) Isopropyl Acetate	6.41	43	1245245	149.955	ug/l	100
44) Trichloroethene	7.18	130	575899	141.173	ug/l	98
45) 1,2-Dichloropropane	7.49	63	548537	139.639	ug/l	98
46) Dibromomethane	7.63	93	380613	144.450	ug/l	99
47) Bromodichloromethane	7.87	83	773441	148.086	ug/l	100
48) Methyl methacrylate	7.74	41	626665	152.678	ug/l	100
49) 1,4-Dioxane	7.72	88	293723	3113.203	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	3825066	754.039	ug/l	99
52) Toluene	8.76	92	1375300	141.429	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	906986	158.363	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	953740	152.351	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	572673	145.617	ug/l	99
56) Ethyl methacrylate	9.16	69	943749	159.763	ug/l	100
57) 1,3-Dichloropropane	9.35	76	963607	144.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2407558	777.919	ug/l	99
59) 2-Hexanone	9.48	43	2983585	777.510	ug/l	100
60) Dibromochloromethane	9.57	129	638138	157.978	ug/l	100
61) 1,2-Dibromoethane	9.65	107	612930	148.374	ug/l	100
64) Tetrachloroethene	9.32	164	489077	135.747	ug/l	96
65) Chlorobenzene	10.12	112	1496022	138.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	573856	145.994	ug/l	99
67) Ethyl Benzene	10.23	91	2707944	141.946	ug/l	99
68) m/p-Xylenes	10.34	106	2053949	287.900	ug/l	98
69) o-Xylene	10.68	106	1009567	145.774	ug/l	98
70) Styrene	10.70	104	1753602	150.965	ug/l	99
71) Bromoform	10.84	173	502642	165.251	ug/l #	99
73) Isopropylbenzene	11.00	105	2666471	143.275	ug/l	100
74) N-amyl acetate	10.88	43	1130516	151.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	924682	137.205	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	835417m	136.400	ug/l	
77) Bromobenzene	11.24	156	670524	139.028	ug/l	99
78) n-propylbenzene	11.34	91	3078901	143.497	ug/l	99
79) 2-Chlorotoluene	11.40	91	1854035	142.069	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2269065	144.160	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	349337	159.535	ug/l	96
82) 4-Chlorotoluene	11.49	91	2180932	143.364	ug/l	100
83) tert-Butylbenzene	11.76	119	2255440	144.730	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2321133	145.926	ug/l	99
85) sec-Butylbenzene	11.93	105	2582091	145.887	ug/l	99
86) p-Isopropyltoluene	12.05	119	2396480	146.733	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1217193	138.706	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1240824	138.420	ug/l	99
89) n-Butylbenzene	12.37	91	2193787	153.293	ug/l	99
90) Hexachloroethane	12.58	117	443383	159.657	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1189244	138.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	222990	156.647	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	857906	154.088	ug/l	99
94) Hexachlorobutadiene	13.76	225	349763	148.053	ug/l	98
95) Naphthalene	13.82	128	2811967	155.642	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	824062	149.208	ug/l	97

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

