

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019714.D
 Acq On : 04 Dec 2020 12:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:59:32 AM

Quant Time: Dec 04 13:30:36 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	331334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	544427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	519481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	261504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	411007	93.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	187.24%#
35) Dibromofluoromethane	5.46	113	335524	94.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	188.16%#
50) Toluene-d8	8.70	98	1301592	95.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	190.56%#
62) 4-Bromofluorobenzene	11.12	95	518141	100.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	200.40%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	304154	93.899	ug/l	99
3) Chloromethane	1.31	50	333430	74.940	ug/l	100
4) Vinyl Chloride	1.39	62	373015	93.174	ug/l	100
5) Bromomethane	1.62	94	113568	79.424	ug/l	100
6) Chloroethane	1.70	64	228554	44.878	ug/l	98
7) Trichlorofluoromethane	1.90	101	512429	92.634	ug/l	96
8) Diethyl Ether	2.17	74	213935	92.008	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	291024	88.651	ug/l	99
10) Methyl Iodide	2.48	142	451297	100.317	ug/l	99
11) Tert butyl alcohol	3.03	59	433363	445.066	ug/l	99
12) 1,1-Dichloroethene	2.35	96	298743	90.797	ug/l	96
13) Acrolein	2.27	56	242620	433.417	ug/l	100
14) Allyl chloride	2.70	41	508374	96.098	ug/l	99
15) Acrylonitrile	3.11	53	969979	476.628	ug/l	100
16) Acetone	2.42	43	779562	440.739	ug/l	100
17) Carbon Disulfide	2.54	76	842285	94.376	ug/l	99
18) Methyl Acetate	2.75	43	399014	89.803	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1104356	95.203	ug/l	99
20) Methylene Chloride	2.83	84	371045	82.110	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	346682	93.249	ug/l	98
22) Diisopropyl ether	3.82	45	1032156	94.230	ug/l	93
23) Vinyl Acetate	3.78	43	4470630	484.703	ug/l	100
24) 1,1-Dichloroethane	3.67	63	612522	92.304	ug/l	99
25) 2-Butanone	4.63	43	1254501	479.886	ug/l	99
26) 2,2-Dichloropropane	4.55	77	541784	97.809	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	402512	92.934	ug/l	99
28) Bromochloromethane	4.98	49	292570	96.725	ug/l	99
29) Tetrahydrofuran	5.09	42	803384	480.538	ug/l	100
30) Chloroform	5.17	83	630610	92.511	ug/l	100
31) Cyclohexane	5.54	56	535625	92.327	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	549395	94.402	ug/l	100
36) 1,1-Dichloropropene	5.76	75	477116	94.786	ug/l	100
37) Ethyl Acetate	4.79	43	483981	96.008	ug/l	99
38) Carbon Tetrachloride	5.75	117	474169	94.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	571286	96.565	ug/l	100
40) Benzene	6.11	78	1444597	92.031	ug/l	99
41) Methacrylonitrile	5.00	41	262507	94.093	ug/l	98
42) 1,2-Dichloroethane	6.16	62	494714	91.742	ug/l	100
43) Isopropyl Acetate	6.41	43	799977	95.856	ug/l	100
44) Trichloroethene	7.18	130	382661	93.337	ug/l	99
45) 1,2-Dichloropropane	7.49	63	367023	92.967	ug/l	99
46) Dibromomethane	7.63	93	251409	94.940	ug/l	99
47) Bromodichloromethane	7.87	83	510486	97.254	ug/l	100
48) Methyl methacrylate	7.74	41	404713	98.112	ug/l	99
49) 1,4-Dioxane	7.71	88	192580	2031.028	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2527676	495.806	ug/l	99
52) Toluene	8.76	92	925657	94.717	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	587661	102.098	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	623641	99.126	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	377776	95.582	ug/l	99
56) Ethyl methacrylate	9.16	69	613279	103.303	ug/l	100
57) 1,3-Dichloropropane	9.35	76	631352	94.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1563605	502.713	ug/l	100
59) 2-Hexanone	9.47	43	1952871	506.380	ug/l	100
60) Dibromochloromethane	9.56	129	407974	100.496	ug/l	98
61) 1,2-Dibromoethane	9.65	107	401743	96.768	ug/l	99
64) Tetrachloroethene	9.32	164	321816	89.711	ug/l	97
65) Chlorobenzene	10.12	112	991708	92.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	373289	95.380	ug/l	99
67) Ethyl Benzene	10.23	91	1781041	93.765	ug/l	99
68) m/p-Xylenes	10.34	106	1365147	192.183	ug/l	98
69) o-Xylene	10.68	106	665836	96.560	ug/l	99
70) Styrene	10.70	104	1156322	99.979	ug/l	100
71) Bromoform	10.84	173	310875	102.649	ug/l #	97
73) Isopropylbenzene	11.00	105	1761031	96.699	ug/l	100
74) N-amyl acetate	10.88	43	729352	99.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	600882	91.114	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	567233m	94.644	ug/l	
77) Bromobenzene	11.24	156	453230	96.035	ug/l	98
78) n-propylbenzene	11.34	91	2066325	98.416	ug/l	100
79) 2-Chlorotoluene	11.40	91	1235628	96.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1516693	98.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	221827	103.525	ug/l	97
82) 4-Chlorotoluene	11.49	91	1457741	97.926	ug/l	100
83) tert-Butylbenzene	11.76	119	1501083	98.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1536579	98.721	ug/l	99
85) sec-Butylbenzene	11.93	105	1718590	99.229	ug/l	100
86) p-Isopropyltoluene	12.05	119	1584281	99.130	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	808895	94.199	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	811007	92.455	ug/l	100
89) n-Butylbenzene	12.37	91	1411169	100.769	ug/l	100
90) Hexachloroethane	12.58	117	281245	103.493	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	769059	91.482	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	139082	99.845	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	537722	98.698	ug/l	99
94) Hexachlorobutadiene	13.76	225	211900	91.663	ug/l	94
95) Naphthalene	13.82	128	1819855	102.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	526762	97.469	ug/l	99

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

