

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019134.D
 Acq On : 27 Oct 2020 13:03
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:11 PM

Quant Time: Oct 27 13:37:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	486928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	374459	105.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.38%	
35) Dibromofluoromethane	5.46	113	307234	102.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.38%	
50) Toluene-d8	8.70	98	1151122	99.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.62%	
62) 4-Bromofluorobenzene	11.12	95	438937	106.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	259268	110.320	ug/l	98
3) Chloromethane	1.31	50	276483	109.254	ug/l	98
4) Vinyl Chloride	1.39	62	331333	104.784	ug/l	100
5) Bromomethane	1.64	94	211647	105.958	ug/l	99
6) Chloroethane	1.71	64	207939	97.544	ug/l	97
7) Trichlorofluoromethane	1.92	101	526354	97.951	ug/l	98
8) Diethyl Ether	2.17	74	201379	95.095	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	293500	107.391	ug/l	99
10) Methyl Iodide	2.49	142	358316	118.666	ug/l	99
11) Tert butyl alcohol	3.02	59	379766m	523.327	ug/l	
12) 1,1-Dichloroethene	2.36	96	296983	107.388	ug/l	97
13) Acrolein	2.28	56	170741	485.009	ug/l	99
14) Allyl chloride	2.71	41	454042	123.482	ug/l	100
15) Acrylonitrile	3.12	53	828813	568.436	ug/l	99
16) Acetone	2.42	43	668541	570.990	ug/l	99
17) Carbon Disulfide	2.55	76	830020	108.321	ug/l	100
18) Methyl Acetate	2.75	43	329226	114.412	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1055321	110.453	ug/l	99
20) Methylene Chloride	2.84	84	333009	100.175	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	336701	103.557	ug/l	99
22) Diisopropyl ether	3.82	45	909208	117.076	ug/l	98
23) Vinyl Acetate	3.79	43	4110672	601.309	ug/l	99
24) 1,1-Dichloroethane	3.67	63	572032	112.729	ug/l	100
25) 2-Butanone	4.64	43	1090300	583.852	ug/l	100
26) 2,2-Dichloropropane	4.55	77	531917	111.418	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	385078	105.280	ug/l	100
28) Bromochloromethane	4.98	49	250434	114.087	ug/l	99
29) Tetrahydrofuran	5.09	42	700176	588.972	ug/l	99
30) Chloroform	5.18	83	606783	107.902	ug/l	99
31) Cyclohexane	5.55	56	497862	110.814	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	559264	111.476	ug/l	99
36) 1,1-Dichloropropene	5.77	75	466577	109.271	ug/l	100
37) Ethyl Acetate	4.79	43	438629	116.442	ug/l	100
38) Carbon Tetrachloride	5.76	117	491638	111.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	573233	109.499	ug/l	99
40) Benzene	6.12	78	1336722	106.800	ug/l	99
41) Methacrylonitrile	5.00	41	233524	120.110	ug/l	99
42) 1,2-Dichloroethane	6.16	62	485614	113.515	ug/l	100
43) Isopropyl Acetate	6.41	43	735529	119.345	ug/l	100
44) Trichloroethene	7.19	130	380580	106.189	ug/l	99
45) 1,2-Dichloropropane	7.49	63	332161	112.843	ug/l	98
46) Dibromomethane	7.64	93	240751	108.560	ug/l	99
47) Bromodichloromethane	7.88	83	490713	113.144	ug/l	99
48) Methyl methacrylate	7.74	41	357849	123.131	ug/l	99
49) 1,4-Dioxane	7.73	88	159060	2121.349	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2115398	587.564	ug/l	99
52) Toluene	8.77	92	865942	106.958	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	558543	116.516	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	588393	115.255	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	341000	105.787	ug/l	99
56) Ethyl methacrylate	9.16	69	535396	115.049	ug/l	100
57) 1,3-Dichloropropane	9.35	76	568572	107.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1396929	554.160	ug/l	100
59) 2-Hexanone	9.48	43	1593124	581.694	ug/l	99
60) Dibromochloromethane	9.57	129	389179	113.265	ug/l	100
61) 1,2-Dibromoethane	9.65	107	366012	107.009	ug/l	99
64) Tetrachloroethene	9.32	164	328781	99.405	ug/l	98
65) Chlorobenzene	10.12	112	915824	105.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	343515	110.838	ug/l	99
67) Ethyl Benzene	10.24	91	1654543	109.100	ug/l	98
68) m/p-Xylenes	10.34	106	1261334	216.418	ug/l	100
69) o-Xylene	10.68	106	604585	108.243	ug/l	97
70) Styrene	10.70	104	1032973	111.001	ug/l	100
71) Bromoform	10.84	173	287512	117.789	ug/l	# 100
73) Isopropylbenzene	11.00	105	1620737	111.298	ug/l	100
74) N-amyl acetate	10.88	43	606774	128.507	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	506128	111.279	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	464854m	114.815	ug/l	
77) Bromobenzene	11.24	156	396147	108.632	ug/l	98
78) n-propylbenzene	11.34	91	1847610	113.063	ug/l	100
79) 2-Chlorotoluene	11.40	91	1075983	111.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1367789	113.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	185229	120.917	ug/l	98
82) 4-Chlorotoluene	11.49	91	1304265	114.643	ug/l	100
83) tert-Butylbenzene	11.76	119	1336504	113.847	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1377760	113.376	ug/l	99
85) sec-Butylbenzene	11.93	105	1596244	113.267	ug/l	100
86) p-Isopropyltoluene	12.05	119	1463208	112.155	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	732630	108.564	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	742811	105.634	ug/l	98
89) n-Butylbenzene	12.37	91	1380794	116.101	ug/l	100
90) Hexachloroethane	12.58	117	267355	122.493	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	696942	105.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128566	127.999	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	525478	114.071	ug/l	99
94) Hexachlorobutadiene	13.76	225	221484	108.219	ug/l	97
95) Naphthalene	13.82	128	1723820	118.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	511177	113.106	ug/l	100

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

