

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019127.D
 Acq On : 26 Oct 2020 18:54
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:33 PM

Quant Time: Oct 27 05:39:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 19:43:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	164921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	245438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	136884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192928	98.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.54%	
35) Dibromofluoromethane	5.46	113	172854	102.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.38%	
50) Toluene-d8	8.70	98	666037	101.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.84%	
62) 4-Bromofluorobenzene	11.12	95	238546	103.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136949	104.833	ug/l	99
3) Chloromethane	1.31	50	139604	100.119	ug/l	99
4) Vinyl Chloride	1.39	62	182693	103.428	ug/l	100
5) Bromomethane	1.62	94	88829	79.391	ug/l	98
6) Chloroethane	1.70	64	123611	102.925	ug/l	99
7) Trichlorofluoromethane	1.91	101	316006	104.019	ug/l	99
8) Diethyl Ether	2.17	74	123395	103.009	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157977	103.877	ug/l	100
10) Methyl Iodide	2.49	142	200915	102.134	ug/l	99
11) Tert butyl alcohol	3.04	59	201905	503.624	ug/l	100
12) 1,1-Dichloroethene	2.36	96	161876	105.075	ug/l	99
13) Acrolein	2.27	56	89542	506.764	ug/l	100
14) Allyl chloride	2.70	41	207327	104.700	ug/l	99
15) Acrylonitrile	3.11	53	424091	530.334	ug/l	100
16) Acetone	2.42	43	321156	505.865	ug/l	99
17) Carbon Disulfide	2.55	76	447603	105.066	ug/l	100
18) Methyl Acetate	2.75	43	155402	99.527	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	559753	106.001	ug/l	99
20) Methylene Chloride	2.83	84	182967	98.674	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	190225	104.642	ug/l	97
22) Diisopropyl ether	3.82	45	448308	105.958	ug/l	99
23) Vinyl Acetate	3.78	43	2010095	541.622	ug/l	99
24) 1,1-Dichloroethane	3.67	63	298163	106.450	ug/l	99
25) 2-Butanone	4.64	43	529685	522.462	ug/l	100
26) 2,2-Dichloropropane	4.55	77	278088	105.509	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	215750	105.768	ug/l	98
28) Bromochloromethane	4.98	49	128099	105.782	ug/l	99
29) Tetrahydrofuran	5.09	42	343949	533.653	ug/l	100
30) Chloroform	5.17	83	333331	106.740	ug/l	98
31) Cyclohexane	5.55	56	253976	104.003	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	303783	109.141	ug/l	99
36) 1,1-Dichloropropene	5.77	75	249326	104.579	ug/l	100
37) Ethyl Acetate	4.79	43	213917	103.937	ug/l	100
38) Carbon Tetrachloride	5.75	117	265097	108.059	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	312294	106.557	ug/l	98
40) Benzene	6.11	78	736238	104.884	ug/l	100
41) Methacrylonitrile	5.00	41	111954	105.934	ug/l	99
42) 1,2-Dichloroethane	6.16	62	249577	105.514	ug/l	100
43) Isopropyl Acetate	6.41	43	356186	105.769	ug/l	100
44) Trichloroethene	7.19	130	216192	107.032	ug/l	96
45) 1,2-Dichloropropane	7.49	63	175202	106.900	ug/l	99
46) Dibromomethane	7.63	93	134048	107.841	ug/l	99
47) Bromodichloromethane	7.87	83	266071	110.142	ug/l	100
48) Methyl methacrylate	7.74	41	167942	106.596	ug/l	100
49) 1,4-Dioxane	7.72	88	92262	2178.482	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1053626	535.349	ug/l	99
52) Toluene	8.77	92	490980	107.805	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	295768	110.835	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	314348	110.379	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	194965	107.558	ug/l	99
56) Ethyl methacrylate	9.16	69	285037	110.117	ug/l	98
57) 1,3-Dichloropropane	9.35	76	313195	106.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	739786	528.758	ug/l	99
59) 2-Hexanone	9.48	43	812492	543.717	ug/l	100
60) Dibromochloromethane	9.57	129	221634	100.053	ug/l	99
61) 1,2-Dibromoethane	9.65	107	213519	110.747	ug/l	99
64) Tetrachloroethene	9.32	164	194798	103.396	ug/l	99
65) Chlorobenzene	10.12	112	535474	109.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	195108	111.373	ug/l	100
67) Ethyl Benzene	10.24	91	929245	108.503	ug/l	98
68) m/p-Xylenes	10.34	106	728569	220.311	ug/l	100
69) o-Xylene	10.68	106	349047	110.140	ug/l	98
70) Styrene	10.70	104	592982	112.252	ug/l	100
71) Bromoform	10.84	173	166024	100.271	ug/l #	97
73) Isopropylbenzene	11.00	105	932512	101.795	ug/l	99
74) N-amyl acetate	10.88	43	310052	107.787	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	298664	104.282	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	263380m	98.863	ug/l	
77) Bromobenzene	11.24	156	240732	104.684	ug/l	98
78) n-propylbenzene	11.34	91	1061079	103.358	ug/l	99
79) 2-Chlorotoluene	11.40	91	617553	102.684	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	799148	106.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	103415	111.532	ug/l	99
82) 4-Chlorotoluene	11.49	91	733796	103.070	ug/l	99
83) tert-Butylbenzene	11.76	119	772622	104.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	803582	105.276	ug/l	98
85) sec-Butylbenzene	11.93	105	931924	104.959	ug/l	99
86) p-Isopropyltoluene	12.05	119	878357	107.036	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	452023	105.707	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	460757	103.370	ug/l	98
89) n-Butylbenzene	12.37	91	804317	107.277	ug/l	99
90) Hexachloroethane	12.58	117	156235	114.069	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	440180	105.330	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67257	108.919	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	310873	107.246	ug/l	99
94) Hexachlorobutadiene	13.76	225	135974	105.137	ug/l	100
95) Naphthalene	13.82	128	1021412	111.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	300496	105.585	ug/l	99

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

