

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014447.D
 Acq On : 07 Jan 2020 14:21
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:15:50 AM

Quant Time: Jan 07 15:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	812658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	374506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118938	19.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.88%	
35) Dibromofluoromethane	5.49	113	98398	19.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.90%	
50) Toluene-d8	8.71	98	383651	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	
62) 4-Bromofluorobenzene	11.13	95	137321	19.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	131042	24.999	ug/l	96
3) Chloromethane	1.32	50	136567	20.565	ug/l	98
4) Vinyl Chloride	1.40	62	154742	21.612	ug/l	97
5) Bromomethane	1.64	94	91090	18.473	ug/l	94
6) Chloroethane	1.72	64	84513	19.628	ug/l	98
7) Trichlorofluoromethane	1.93	101	163000	18.913	ug/l	98
8) Diethyl Ether	2.18	74	75019	18.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97048	18.699	ug/l	99
10) Methyl Iodide	2.51	142	116572	18.377	ug/l	100
11) Tert butyl alcohol	3.02	59	127445	94.748	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98287	18.629	ug/l	99
13) Acrolein	2.28	56	97821	118.366	ug/l	97
14) Allyl chloride	2.72	41	177759	18.944	ug/l	99
15) Acrylonitrile	3.13	53	293461	94.136	ug/l	99
16) Acetone	2.43	43	308902	80.057	ug/l	99
17) Carbon Disulfide	2.56	76	270349	17.473	ug/l	100
18) Methyl Acetate	2.76	43	174909	21.351	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	329238	19.066	ug/l	100
20) Methylene Chloride	2.85	84	110745	17.515	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	107630	18.579	ug/l	98
22) Diisopropyl ether	3.84	45	347277	18.613	ug/l	93
23) Vinyl Acetate	3.81	43	1351418	89.902	ug/l	98
24) 1,1-Dichloroethane	3.69	63	188657	18.166	ug/l	99
25) 2-Butanone	4.65	43	437499	89.819	ug/l	98
26) 2,2-Dichloropropane	4.58	77	154979	19.072	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	123620	18.889	ug/l	99
28) Bromochloromethane	5.01	49	80131	22.292	ug/l	99
29) Tetrahydrofuran	5.11	42	262662	94.614	ug/l	100
30) Chloroform	5.20	83	184013	18.710	ug/l	96
31) Cyclohexane	5.57	56	177507	19.059	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	154057	18.312	ug/l	98
36) 1,1-Dichloropropene	5.79	75	141974	18.878	ug/l	99
37) Ethyl Acetate	4.82	43	162453	19.668	ug/l	99
38) Carbon Tetrachloride	5.78	117	132316	19.280	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181192	19.379	ug/l	99
40) Benzene	6.14	78	434239	18.835	ug/l	97
41) Methacrylonitrile	5.03	41	87954	19.145	ug/l	98
42) 1,2-Dichloroethane	6.19	62	151483	19.379	ug/l	100
43) Isopropyl Acetate	6.43	43	259768	18.976	ug/l	100
44) Trichloroethene	7.21	130	122048	18.981	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112438	19.033	ug/l	100
46) Dibromomethane	7.65	93	72528	18.506	ug/l	98
47) Bromodichloromethane	7.89	83	137929	18.709	ug/l	99
48) Methyl methacrylate	7.76	41	125447	18.725	ug/l	99
49) 1,4-Dioxane	7.73	88	53237	387.828	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	812206	94.788	ug/l	99
52) Toluene	8.78	92	273827	18.755	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158191	19.533	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	177234	19.647	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110243	18.868	ug/l	98
56) Ethyl methacrylate	9.17	69	174310	19.038	ug/l	99
57) 1,3-Dichloropropane	9.37	76	188880	19.296	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	308348	91.195	ug/l	99
59) 2-Hexanone	9.48	43	646143	94.284	ug/l	100
60) Dibromochloromethane	9.57	129	111710	19.187	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116756	19.530	ug/l	99
64) Tetrachloroethene	9.33	164	137053	20.474	ug/l	99
65) Chlorobenzene	10.14	112	294731	18.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	107983	19.250	ug/l	99
67) Ethyl Benzene	10.25	91	515682	19.135	ug/l	98
68) m/p-Xylenes	10.36	106	397017	38.235	ug/l	99
69) o-Xylene	10.70	106	191767	18.913	ug/l	98
70) Styrene	10.71	104	326887	19.049	ug/l	99
71) Bromoform	10.85	173	84428	18.657	ug/l #	100
73) Isopropylbenzene	11.01	105	511012	19.304	ug/l	100
74) N-amyl acetate	10.89	43	220473	17.941	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158809	17.583	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138847m	17.473	ug/l	
77) Bromobenzene	11.25	156	131954	18.094	ug/l	99
78) n-propylbenzene	11.35	91	578208	19.475	ug/l	100
79) 2-Chlorotoluene	11.42	91	342947	19.068	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	423196	19.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54706	18.866	ug/l	96
82) 4-Chlorotoluene	11.51	91	394312	18.843	ug/l	99
83) tert-Butylbenzene	11.76	119	388401	18.062	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	426921	19.180	ug/l	100
85) sec-Butylbenzene	11.94	105	492975	19.241	ug/l	99
86) p-Isopropyltoluene	12.06	119	455776	19.411	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239114	18.689	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	239878	18.385	ug/l	98
89) n-Butylbenzene	12.39	91	399767	19.868	ug/l	99
90) Hexachloroethane	12.59	117	77408	18.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	236277	18.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36180	17.814	ug/l	98

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93) 1,2,4-Trichlorobenzene	13.64	180	171309	20.149	ug/l	98
94) Hexachlorobutadiene	13.78	225	77750	19.048	ug/l	94
95) Naphthalene	13.83	128	515828	20.733	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	167085	19.997	ug/l	100

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

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