

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014449.D
 Acq On : 07 Jan 2020 15:07
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:00 AM

Quant Time: Jan 07 15:36:34 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	540072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	819943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	743396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	389206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	592962	97.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.60%	
35) Dibromofluoromethane	5.49	113	498197	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
50) Toluene-d8	8.71	98	1937507	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	11.13	95	707369	100.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	680263	130.295	ug/l	99
3) Chloromethane	1.32	50	679811	102.780	ug/l	100
4) Vinyl Chloride	1.40	62	790375	110.832	ug/l	98
5) Bromomethane	1.63	94	530400	107.999	ug/l	99
6) Chloroethane	1.71	64	418325	97.544	ug/l	99
7) Trichlorofluoromethane	1.92	101	848049	98.797	ug/l	100
8) Diethyl Ether	2.18	74	370950	92.945	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	501399	96.998	ug/l	99
10) Methyl Iodide	2.50	142	702476	111.185	ug/l	100
11) Tert butyl alcohol	3.03	59	581404	433.979	ug/l	98
12) 1,1-Dichloroethene	2.37	96	508377	96.743	ug/l	97
13) Acrolein	2.28	56	493650	599.734	ug/l	98
14) Allyl chloride	2.72	41	905131	96.850	ug/l	99
15) Acrylonitrile	3.13	53	1459504	470.062	ug/l	100
16) Acetone	2.44	43	1471301	382.845	ug/l	99
17) Carbon Disulfide	2.56	76	1438276	93.329	ug/l	100
18) Methyl Acetate	2.76	43	866762	106.229	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1681785	97.784	ug/l	100
20) Methylene Chloride	2.85	84	561679	89.190	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	551703	95.615	ug/l	99
22) Diisopropyl ether	3.84	45	1783547	95.977	ug/l	99
23) Vinyl Acetate	3.81	43	6986229	466.623	ug/l	98
24) 1,1-Dichloroethane	3.69	63	967737	93.560	ug/l	100
25) 2-Butanone	4.65	43	2154907	444.185	ug/l	100
26) 2,2-Dichloropropane	4.58	77	819654	101.275	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	625626	95.978	ug/l	99
28) Bromochloromethane	5.01	49	387657	108.277	ug/l	99
29) Tetrahydrofuran	5.11	42	1318487	476.847	ug/l	99
30) Chloroform	5.20	83	940914	96.054	ug/l	98
31) Cyclohexane	5.57	56	926008	99.827	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	822012	98.099	ug/l	100
36) 1,1-Dichloropropene	5.79	75	752369	99.152	ug/l	99
37) Ethyl Acetate	4.82	43	809902	97.184	ug/l	99
38) Carbon Tetrachloride	5.78	117	720904	104.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	961074	101.878	ug/l	99
40) Benzene	6.14	78	2245137	96.515	ug/l	99
41) Methacrylonitrile	5.03	41	450261	97.136	ug/l	99
42) 1,2-Dichloroethane	6.18	62	759744	96.331	ug/l	100
43) Isopropyl Acetate	6.43	43	1350168	97.751	ug/l	100
44) Trichloroethene	7.21	130	628937	96.944	ug/l	99
45) 1,2-Dichloropropane	7.51	63	575941	96.626	ug/l	99
46) Dibromomethane	7.65	93	373921	94.559	ug/l	98
47) Bromodichloromethane	7.89	83	755648	101.589	ug/l	98
48) Methyl methacrylate	7.76	41	667373	98.733	ug/l	99
49) 1,4-Dioxane	7.73	88	237183	1712.511	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	4060656	469.684	ug/l	99
52) Toluene	8.78	92	1415360	96.078	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	883354	108.108	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	959956	105.468	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	564492	95.753	ug/l	99
56) Ethyl methacrylate	9.17	69	932494	100.940	ug/l	99
57) 1,3-Dichloropropane	9.37	76	948238	96.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1607349	471.158	ug/l	100
59) 2-Hexanone	9.49	43	3200482	462.858	ug/l	99
60) Dibromochloromethane	9.58	129	624369	106.286	ug/l	99
61) 1,2-Dibromoethane	9.67	107	602770	99.930	ug/l	98
64) Tetrachloroethene	9.33	164	686991	101.279	ug/l	99
65) Chlorobenzene	10.14	112	1540561	96.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	569507	100.188	ug/l	98
67) Ethyl Benzene	10.25	91	2704822	99.047	ug/l	100
68) m/p-Xylenes	10.35	106	2088189	198.461	ug/l	99
69) o-Xylene	10.70	106	1006956	98.003	ug/l	99
70) Styrene	10.71	104	1777773	102.235	ug/l	100
71) Bromoform	10.85	173	501849	109.439	ug/l #	100
73) Isopropylbenzene	11.01	105	2639153	95.932	ug/l	99
74) N-amyl acetate	10.89	43	1230427	96.342	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	854761	91.062	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	825786m	99.994	ug/l	
77) Bromobenzene	11.25	156	706498	93.216	ug/l	99
78) n-propylbenzene	11.35	91	3063727	99.292	ug/l	100
79) 2-Chlorotoluene	11.42	91	1785934	95.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2244836	97.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	326330	108.286	ug/l	98
82) 4-Chlorotoluene	11.51	91	2099318	96.530	ug/l	99
83) tert-Butylbenzene	11.77	119	2153493	96.364	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2276469	98.409	ug/l	100
85) sec-Butylbenzene	11.94	105	2640784	99.179	ug/l	100
86) p-Isopropyltoluene	12.06	119	2460277	100.825	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1278908	96.181	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1268827	93.575	ug/l	99
89) n-Butylbenzene	12.39	91	2235934	106.925	ug/l	100
90) Hexachloroethane	12.59	117	448445	102.762	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1250507	93.796	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	193544	91.698	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	933697	105.670	ug/l	98
94) Hexachlorobutadiene	13.78	225	440078	103.741	ug/l	99
95) Naphthalene	13.83	128	2727283	105.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	922076	106.186	ug/l	99

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

