

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014684.D
 Acq On : 22 Jan 2020 11:50
 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
 1/24/2020 1:39:12 PM

Quant Time: Jan 22 12:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	435047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	670204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	623648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	489025	99.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.88%	
35) Dibromofluoromethane	5.49	113	402995	98.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.70%	
50) Toluene-d8	8.71	98	1569705	98.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.48%	
62) 4-Bromofluorobenzene	11.13	95	578012	99.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	574708	116.991	ug/l	100
3) Chloromethane	1.31	50	587285	104.627	ug/l	99
4) Vinyl Chloride	1.40	62	671465	107.699	ug/l	100
5) Bromomethane	1.63	94	442766	105.658	ug/l	96
6) Chloroethane	1.70	64	352107	94.937	ug/l	98
7) Trichlorofluoromethane	1.92	101	703053	99.504	ug/l	98
8) Diethyl Ether	2.18	74	310690	96.601	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	417141	97.197	ug/l	99
10) Methyl Iodide	2.50	142	598473	114.650	ug/l	100
11) Tert butyl alcohol	3.05	59	612604	609.180	ug/l	100
12) 1,1-Dichloroethene	2.36	96	419053	97.209	ug/l	98
13) Acrolein	2.28	56	446918	542.582	ug/l	98
14) Allyl chloride	2.72	41	807021	105.805	ug/l	99
15) Acrylonitrile	3.13	53	1360253	549.268	ug/l	99
16) Acetone	2.44	43	1335708	499.736	ug/l	98
17) Carbon Disulfide	2.56	76	1194473	99.008	ug/l	100
18) Methyl Acetate	2.76	43	814531	115.031	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1417494	102.218	ug/l	99
20) Methylene Chloride	2.84	84	479318	97.299	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	454528	96.317	ug/l	99
22) Diisopropyl ether	3.84	45	1555523	105.087	ug/l	96
23) Vinyl Acetate	3.80	43	6018716	528.580	ug/l	100
24) 1,1-Dichloroethane	3.69	63	833320	103.936	ug/l	99
25) 2-Butanone	4.66	43	2024051	550.861	ug/l	99
26) 2,2-Dichloropropane	4.57	77	668275	99.213	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	523115	99.187	ug/l	99
28) Bromochloromethane	5.00	49	342493	101.105	ug/l	99
29) Tetrahydrofuran	5.11	42	1237473	570.500	ug/l	99
30) Chloroform	5.20	83	801342	102.181	ug/l	99
31) Cyclohexane	5.57	56	785391	104.691	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	691559	103.626	ug/l	98
36) 1,1-Dichloropropene	5.79	75	628171	98.789	ug/l	100
37) Ethyl Acetate	4.82	43	732564	106.052	ug/l	100
38) Carbon Tetrachloride	5.78	117	596175	102.151	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	794877	99.897	ug/l	96
40) Benzene	6.14	78	1902982	100.623	ug/l	99
41) Methacrylonitrile	5.03	41	405662	109.335	ug/l	99
42) 1,2-Dichloroethane	6.19	62	650354	98.261	ug/l	100
43) Isopropyl Acetate	6.44	43	1201922	107.659	ug/l	100
44) Trichloroethene	7.20	130	522552	96.621	ug/l	96
45) 1,2-Dichloropropane	7.51	63	496980	103.007	ug/l	99
46) Dibromomethane	7.65	93	318899	95.013	ug/l	99
47) Bromodichloromethane	7.89	83	643528	105.069	ug/l	99
48) Methyl methacrylate	7.76	41	603445	112.443	ug/l	99
49) 1,4-Dioxane	7.73	88	262879	2349.283	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3887756	569.526	ug/l	99
52) Toluene	8.78	92	1197780	99.361	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	743516	105.060	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	809860	105.732	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	485390	99.952	ug/l	99
56) Ethyl methacrylate	9.17	69	826282	111.595	ug/l	99
57) 1,3-Dichloropropane	9.37	76	825982	101.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1338780	530.703	ug/l	99
59) 2-Hexanone	9.49	43	3093086	573.394	ug/l	98
60) Dibromochloromethane	9.58	129	529798	108.717	ug/l	99
61) 1,2-Dibromoethane	9.67	107	517089	100.669	ug/l	99
64) Tetrachloroethene	9.33	164	585085	93.004	ug/l	97
65) Chlorobenzene	10.14	112	1303705	95.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	489352	100.802	ug/l	99
67) Ethyl Benzene	10.25	91	2310990	99.490	ug/l	99
68) m/p-Xylenes	10.36	106	1776981	198.396	ug/l	100
69) o-Xylene	10.70	106	864597	101.251	ug/l	98
70) Styrene	10.71	104	1513047	102.650	ug/l	100
71) Bromoform	10.86	173	425870	107.829	ug/l #	99
73) Isopropylbenzene	11.01	105	2278354	99.548	ug/l	100
74) N-amyl acetate	10.89	43	1101305	109.324	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	773160	104.713	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	753751m	108.490	ug/l	
77) Bromobenzene	11.25	156	601027	95.046	ug/l	99
78) n-propylbenzene	11.35	91	2619372	99.809	ug/l	99
79) 2-Chlorotoluene	11.42	91	1546621	98.838	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1936844	101.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	288115	113.361	ug/l	97
82) 4-Chlorotoluene	11.51	91	1803660	98.288	ug/l	100
83) tert-Butylbenzene	11.76	119	1827538	102.102	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1953250	101.634	ug/l	99
85) sec-Butylbenzene	11.94	105	2223674	99.678	ug/l	99
86) p-Isopropyltoluene	12.06	119	2079468	100.640	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1078569	95.038	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1076766	92.809	ug/l	99
89) n-Butylbenzene	12.39	91	1874050	99.606	ug/l	99
90) Hexachloroethane	12.59	117	385249	106.329	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	1062816	95.382	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	175313	106.751	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	758620	90.320	ug/l	98
94) Hexachlorobutadiene	13.78	225	357387	90.422	ug/l	99
95) Naphthalene	13.83	128	2314547	96.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	740027	89.778	ug/l	96

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

