

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014446.D
 Acq On : 07 Jan 2020 13:58
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:15:47 AM

Quant Time: Jan 07 15:30:32 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	539112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	818764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369222	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	32604	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
35) Dibromofluoromethane	5.49	113	25207	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	
50) Toluene-d8	8.71	98	96659	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
62) 4-Bromofluorobenzene	11.13	95	35616	5.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	21978	4.217 ug/l	100
3) Chloromethane	1.32	50	30381	4.601 ug/l	98
4) Vinyl Chloride	1.40	62	32055	4.503 ug/l	100
5) Bromomethane	1.63	94	26440	5.393 ug/l	95
6) Chloroethane	1.72	64	21426	5.005 ug/l	99
7) Trichlorofluoromethane	1.92	101	44033	5.139 ug/l	96
8) Diethyl Ether	2.18	74	19726	4.951 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25230	4.890 ug/l	96
10) Methyl Iodide	2.50	142	25088	3.978 ug/l	99
11) Tert butyl alcohol	3.03	59	32824	24.545 ug/l	96
12) 1,1-Dichloroethene	2.37	96	26202	4.995 ug/l	90
13) Acrolein	2.28	56	26314	32.026 ug/l	98
14) Allyl chloride	2.72	41	46494	4.984 ug/l	98
15) Acrylonitrile	3.13	53	72888	23.517 ug/l	98
16) Acetone	2.43	43	78840	20.551 ug/l	95
17) Carbon Disulfide	2.56	76	68789	4.472 ug/l	99
18) Methyl Acetate	2.76	43	37463	4.600 ug/l	99
19) Methyl tert-butyl Ether	3.18	73	84322	4.911 ug/l	98
20) Methylene Chloride	2.85	84	31987	5.088 ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	27923	4.848 ug/l	99
22) Diisopropyl ether	3.84	45	91119	4.912 ug/l	# 91
23) Vinyl Acetate	3.80	43	362152	24.232 ug/l	99
24) 1,1-Dichloroethane	3.69	63	50333	4.875 ug/l	97
25) 2-Butanone	4.66	43	110805	22.881 ug/l	97
26) 2,2-Dichloropropane	4.58	77	39659	4.909 ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	30640	4.709 ug/l	96
28) Bromochloromethane	5.01	49	19975	5.589 ug/l	98
29) Tetrahydrofuran	5.12	42	66123	23.957 ug/l	99
30) Chloroform	5.20	83	46416	4.747 ug/l	96
31) Cyclohexane	5.57	56	45537	4.918 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	41874	5.006 ug/l	97
36) 1,1-Dichloropropene	5.79	75	37491	4.948 ug/l	99
37) Ethyl Acetate	4.82	43	39544	4.752 ug/l	98
38) Carbon Tetrachloride	5.77	117	34827	5.037 ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47172	5.008	ug/l	98
40) Benzene	6.14	78	114174	4.915	ug/l	100
41) Methacrylonitrile	5.03	41	22346	4.828	ug/l	97
42) 1,2-Dichloroethane	6.19	62	38483	4.886	ug/l	94
43) Isopropyl Acetate	6.43	43	65771	4.769	ug/l	99
44) Trichloroethene	7.20	130	32024	4.943	ug/l	94
45) 1,2-Dichloropropane	7.51	63	28982	4.869	ug/l	98
46) Dibromomethane	7.65	93	20793	5.266	ug/l	92
47) Bromodichloromethane	7.89	83	34217	4.607	ug/l	94
48) Methyl methacrylate	7.76	41	31443	4.658	ug/l	97
49) 1,4-Dioxane	7.73	88	13541	97.910	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	203405	23.561	ug/l	99
52) Toluene	8.78	92	72734	4.944	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	39402	4.829	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	44224	4.866	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	28072	4.769	ug/l	96
56) Ethyl methacrylate	9.17	69	42946	4.655	ug/l	99
57) 1,3-Dichloropropane	9.37	76	50579	5.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	70635	20.735	ug/l	99
59) 2-Hexanone	9.48	43	159593	23.114	ug/l	98
60) Dibromochloromethane	9.57	129	27551	4.697	ug/l	99
61) 1,2-Dibromoethane	9.67	107	31461	5.223	ug/l	97
64) Tetrachloroethene	9.33	164	37457	5.604	ug/l	96
65) Chlorobenzene	10.14	112	79722	5.084	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	27766	4.957	ug/l	97
67) Ethyl Benzene	10.25	91	136134	5.059	ug/l	99
68) m/p-Xylenes	10.36	106	103771	10.008	ug/l	98
69) o-Xylene	10.70	106	50958	5.033	ug/l	98
70) Styrene	10.71	104	80757	4.713	ug/l	99
71) Bromoform	10.85	173	20244	4.480	ug/l #	94
73) Isopropylbenzene	11.01	105	130773	5.011	ug/l	100
74) N-amyl acetate	10.89	43	57343	4.733	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	40893	4.592	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	41109m	5.247	ug/l	
77) Bromobenzene	11.25	156	37023	5.149	ug/l	95
78) n-propylbenzene	11.35	91	146993	5.022	ug/l	99
79) 2-Chlorotoluene	11.42	91	88577	4.995	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	108318	4.937	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	12188	4.263	ug/l	89
82) 4-Chlorotoluene	11.51	91	102064	4.947	ug/l	99
83) tert-Butylbenzene	11.76	119	101939	4.808	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	107577	4.902	ug/l	99
85) sec-Butylbenzene	11.94	105	125973	4.987	ug/l	99
86) p-Isopropyltoluene	12.06	119	117015	5.055	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	65638	5.204	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	65535	5.095	ug/l	94
89) n-Butylbenzene	12.39	91	100526	5.067	ug/l	100
90) Hexachloroethane	12.59	117	18183	4.392	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	62895	4.973	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	8176	4.083	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43939	5.242	ug/l	99
94) Hexachlorobutadiene	13.78	225	20222	5.025	ug/l	93
95) Naphthalene	13.83	128	127606	5.202	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	45208	5.488	ug/l	98

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

