

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016424.D
 Acq On : 26 May 2020 14:02
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:34 PM

Quant Time: May 26 16:05:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	171574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	278842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	259069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	135738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	211873	92.93	ug/l	0.00
Spiked Amount			Recovery	=	185.86%	
35) Dibromofluoromethane	5.47	113	179625	100.46	ug/l	0.00
Spiked Amount			Recovery	=	200.92%	
50) Toluene-d8	8.70	98	676454	98.39	ug/l	0.00
Spiked Amount			Recovery	=	196.78%	
62) 4-Bromofluorobenzene	11.12	95	253799	97.64	ug/l	0.00
Spiked Amount			Recovery	=	195.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	148145	85.115	ug/l	100
3) Chloromethane	1.31	50	161114	78.431	ug/l	98
4) Vinyl Chloride	1.39	62	214923	94.821	ug/l	98
5) Bromomethane	1.62	94	296906	200.999	ug/l	98
6) Chloroethane	1.70	64	149664	106.351	ug/l	100
7) Trichlorofluoromethane	1.90	101	355274	115.234	ug/l	97
8) Diethyl Ether	2.17	74	140918	109.279	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	158054	93.851	ug/l	97
10) Methyl Iodide	2.49	142	191068	88.276	ug/l	98
11) Tert butyl alcohol	3.03	59	245977	441.215	ug/l	100
12) 1,1-Dichloroethene	2.35	96	162375	92.190	ug/l	98
13) Acrolein	2.27	56	134339	396.819	ug/l	98
14) Allyl chloride	2.70	41	264926	83.282	ug/l	98
15) Acrylonitrile	3.12	53	509458	438.684	ug/l	100
16) Acetone	2.42	43	421333	426.101	ug/l	100
17) Carbon Disulfide	2.54	76	479194	80.047	ug/l	99
18) Methyl Acetate	2.75	43	207347	85.342	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	576230	94.381	ug/l	99
20) Methylene Chloride	2.83	84	184702	89.744	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	188951	94.925	ug/l	95
22) Diisopropyl ether	3.82	45	549982	90.286	ug/l	98
23) Vinyl Acetate	3.79	43	2482069	463.991	ug/l	99
24) 1,1-Dichloroethane	3.67	63	318732	92.918	ug/l	99
25) 2-Butanone	4.64	43	711484	445.998	ug/l	98
26) 2,2-Dichloropropane	4.55	77	290875	92.624	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	214702	98.305	ug/l	100
28) Bromochloromethane	4.98	49	146577	93.291	ug/l	99
29) Tetrahydrofuran	5.09	42	464607	440.138	ug/l	100
30) Chloroform	5.18	83	341790	99.103	ug/l	98
31) Cyclohexane	5.55	56	272421	88.901	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	312213	99.280	ug/l	100
36) 1,1-Dichloropropene	5.77	75	253252	92.842	ug/l	99
37) Ethyl Acetate	4.80	43	276014	88.717	ug/l	100
38) Carbon Tetrachloride	5.76	117	281985	101.266	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	285768	88.504	ug/l	96
40) Benzene	6.12	78	753588	94.281	ug/l	100
41) Methacrylonitrile	5.01	41	150987	89.915	ug/l	99
42) 1,2-Dichloroethane	6.17	62	266984	92.849	ug/l	100
43) Isopropyl Acetate	6.42	43	443112	88.991	ug/l	100
44) Trichloroethene	7.19	130	245343	86.871	ug/l	94
45) 1,2-Dichloropropane	7.49	63	187092	93.179	ug/l	98
46) Dibromomethane	7.64	93	138944	100.102	ug/l	98
47) Bromodichloromethane	7.88	83	278475	99.340	ug/l	98
48) Methyl methacrylate	7.75	41	209039	89.102	ug/l	98
49) 1,4-Dioxane	7.72	88	104592	1831.358	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1426957	467.791	ug/l	100
52) Toluene	8.77	92	491873	98.300	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	317008	95.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	327998	94.647	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	200194	101.253	ug/l	98
56) Ethyl methacrylate	9.16	69	312228	98.268	ug/l	100
57) 1,3-Dichloropropane	9.35	76	327776	95.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	804133	476.296	ug/l	100
59) 2-Hexanone	9.48	43	1100836	459.128	ug/l	99
60) Dibromochloromethane	9.57	129	240607	109.863	ug/l	99
61) 1,2-Dibromoethane	9.65	107	220936	102.870	ug/l	98
64) Tetrachloroethene	9.32	164	284962	90.748	ug/l	99
65) Chlorobenzene	10.12	112	544201	100.591	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	212889	106.165	ug/l	98
67) Ethyl Benzene	10.24	91	947046	98.719	ug/l	99
68) m/p-Xylenes	10.34	106	752098	208.647	ug/l	99
69) o-Xylene	10.68	106	357800	103.055	ug/l	100
70) Styrene	10.70	104	625042	106.435	ug/l	99
71) Bromoform	10.84	173	180504	110.305	ug/l	97
73) Isopropylbenzene	11.00	105	936711	95.646	ug/l	100
74) N-amyl acetate	10.88	43	392472	87.474	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	247835	137.799	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	276942m	91.170	ug/l	
77) Bromobenzene	11.24	156	248704	97.734	ug/l	97
78) n-propylbenzene	11.34	91	1060699	93.320	ug/l	100
79) 2-Chlorotoluene	11.41	91	623817	92.809	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	773672	93.615	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	119927	94.668	ug/l	99
82) 4-Chlorotoluene	11.49	91	755683	95.117	ug/l	99
83) tert-Butylbenzene	11.76	119	681953	95.799	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	788816	94.608	ug/l	98
85) sec-Butylbenzene	11.93	105	843703	88.592	ug/l	99
86) p-Isopropyltoluene	12.05	119	812466	92.113	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	441494	97.128	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	436699	94.603	ug/l	98
89) n-Butylbenzene	12.37	91	702828	87.711	ug/l	99
90) Hexachloroethane	12.58	117	147477	96.733	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	427137	97.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	71825	89.648	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	273467	85.737	ug/l	96
94) Hexachlorobutadiene	13.77	225	100221	70.267	ug/l	93
95) Naphthalene	13.82	128	986473	94.434	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	265389	85.538	ug/l	100

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

