Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
Data File : BM024622.D
Acq On : 24 Jan 2020 16:07
Operator : CG/JU
Sample : K5111-08
Misc : 10 PPM LOO
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Manual Integrations APPROVED
mohammad
1/28/2020 8:13:16 AM

Quant Time: Jan 24 17:16:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	218053	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	907693	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	644881	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1496590	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1577380	20.00	ng		0.00
87) Perylene-d12	23.16	264	1745929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1503674	131.14	ng		0.00
7) Phenol-d6	6.64	99	1990407	126.01	ng		0.00
23) Nitrobenzene-d5	8.58	82	1363274	73.66	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1300538	123.98	ng		0.00
45) 2-Fluorobiphenyl	12.70	172	3465100	73.05	ng		0.00
79) Terphenyl-d14	19.50	244	6963137	82.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	53064	11.699	ng		99
3) Pyridine	3.46	79	161951	12.317	ng		98
4) n-Nitrosodimethylamine	3.37	42	63852	10.941	ng	#	96
6) Aniline	6.78	93	212361	11.044	ng		96
8) 2-Chlorophenol	7.02	128	141918	10.873	ng		99
9) Benzaldehyde	6.60	77	92564m	9.918	ng		
10) Phenol	6.66	94	171051	10.864	ng		96
11) bis(2-Chloroethyl)ether	6.88	93	140889	11.178	ng		98
12) 1,3-Dichlorobenzene	7.33	146	178815	11.152	ng		98
13) 1,4-Dichlorobenzene	7.47	146	183945	11.308	ng		97
14) 1,2-Dichlorobenzene	7.79	146	173480	11.048	ng		99
15) Benzyl Alcohol	7.68	79	140507	10.789	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	132663	11.497	ng		96
17) 2-Methylphenol	7.89	107	118926	10.719	ng		98
18) Hexachloroethane	8.50	117	71009	11.304	ng		96
19) n-Nitroso-di-n-propylamine	8.25	70	130325	10.989	ng		97
20) 3+4-Methylphenols	8.22	107	161988	10.547	ng		97
22) Acetophenone	8.25	105	255512	10.917	ng		98
24) Nitrobenzene	8.62	77	199628	11.255	ng		99
25) Isophorone	9.15	82	336616	10.704	ng		97
26) 2-Nitrophenol	9.33	139	77986	9.495	ng		98
27) 2,4-Dimethylphenol	9.40	122	114003	10.215	ng		98
28) bis(2-Chloroethoxy)methane	9.64	93	208824	10.870	ng		97
29) 2,4-Dichlorophenol	9.86	162	151233	10.030	ng		98
30) 1,2,4-Trichlorobenzene	10.07	180	192501	10.586	ng		99
31) Naphthalene	10.25	128	490121	10.691	ng		100
32) Benzoic acid	9.51	122	92531m	9.063	ng		
33) 4-Chloroaniline	10.36	127	209427	10.422	ng		100
34) Hexachlorobutadiene	10.56	225	134771	10.721	ng		99
35) Caprolactam	11.12	113	47601	9.840	ng		96
36) 4-Chloro-3-methylphenol	11.50	107	162225	10.118	ng		96
37) 2-Methylnaphthalene	11.87	142	371716	10.507	ng		99
38) 1-Methylnaphthalene	12.10	142	357980	10.637	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	239221	10.394	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	127289	9.867	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	143177	9.776	ng	98
44) 2,4,5-Trichlorophenol	12.57	196	149692	10.008	ng	98
46) 1,1'-Biphenyl	12.92	154	517186	10.597	ng	99
47) 2-Chloronaphthalene	12.95	162	418549	10.623	ng	99
48) 2-Nitroaniline	13.16	65	122045	10.157	ng	99
49) Acenaphthylene	13.80	152	624236	10.584	ng	100
50) Dimethylphthalate	13.56	163	554925	10.642	ng	99
51) 2,6-Dinitrotoluene	13.67	165	115134	10.385	ng	98
52) Acenaphthene	14.16	154	379924	10.381	ng	97
53) 3-Nitroaniline	14.00	138	116219	10.107	ng	95
54) 2,4-Dinitrophenol	14.20	184	52076	7.855	ng	98
55) Dibenzofuran	14.49	168	637387	10.679	ng	100
56) 4-Nitrophenol	14.32	139	85738	9.539	ng	98
57) 2,4-Dinitrotoluene	14.46	165	157974	9.942	ng	99
58) Fluorene	15.14	166	513183	10.231	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	152582	10.059	ng	99
60) Diethylphthalate	14.94	149	555531	10.493	ng	100
61) 4-Chlorophenyl-phenylether	15.15	204	299866	10.369	ng	97
62) 4-Nitroaniline	15.16	138	124925	9.842	ng	100
63) Azobenzene	15.44	77	479776	10.624	ng	96
65) 4,6-Dinitro-2-methylphenol	15.23	198	75921	8.628	ng	97
66) n-Nitrosodiphenylamine	15.37	169	445850	10.371	ng	99
67) 4-Bromophenyl-phenylether	16.04	248	192747	10.356	ng	96
68) Hexachlorobenzene	16.16	284	227081	10.632	ng	96
69) Atrazine	16.33	200	165281	10.016	ng	98
70) Pentachlorophenol	16.50	266	124463	9.567	ng	100
71) Phenanthrene	16.88	178	858191	10.589	ng	99
72) Anthracene	16.97	178	829816	10.464	ng	100
73) Carbazole	17.24	167	756483	10.479	ng	100
74) Di-n-butylphthalate	17.84	149	915534	9.921	ng	99
75) Fluoranthene	18.91	202	1049989	10.381	ng	98
77) Benzidine	19.10	184	373100	10.157	ng	100
78) Pyrene	19.27	202	1105186	10.628	ng	99
80) Butylbenzylphthalate	20.21	149	412988	9.465	ng	96
81) Benzo(a)anthracene	21.03	228	1171984	10.705	ng	98
82) 3,3'-Dichlorobenzidine	20.97	252	386689	9.819	ng	99
83) Chrysene	21.09	228	1116394	10.687	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	619705	9.625	ng	100
85) Di-n-octyl phthalate	21.86	149	1000322	9.404	ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	1169440	10.271	ng	99
88) Benzo(b)fluoranthene	22.54	252	1180308	10.423	ng	99
89) Benzo(k)fluoranthene	22.58	252	1121560	10.147	ng	99
90) Benzo(a)pyrene	23.07	252	1036590	10.069	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	985035	10.081	ng	98
92) Benzo(g,h,i)perylene	25.84	276	883130	9.953	ng	99

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

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