Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044983.D
Acq On : 15 Apr 2020 15:39
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
4/16/2020 12:54:46 PM

Quant Time: Apr 15 16:29:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 14:56:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	82113	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	340455	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	250531	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	587378	20.00	ng		0.00
76) Chrysene-d12	21.67	240	541968	20.00	ng		0.00
87) Perylene-d12	24.86	264	607580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	565368	107.18	ng		0.00
7) Phenol-d6	7.18	99	874515	114.11	ng		0.00
23) Nitrobenzene-d5	9.18	82	898288	115.78	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	468786	142.91	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	2014588	115.15	ng		0.00
79) Terphenyl-d14	20.02	244	2874864	99.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	123784	48.732	ng		97
3) Pyridine	3.88	79	395808m	52.636	ng		
4) n-Nitrosodimethylamine	3.80	42	118086	41.388	ng		94
6) Aniline	7.34	93	569491	59.717	ng		99
8) 2-Chlorophenol	7.59	128	309174	58.715	ng		97
9) Benzaldehyde	7.16	77	214886	48.050	ng		99
10) Phenol	7.21	94	438229	57.756	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	344675	56.919	ng		98
12) 1,3-Dichlorobenzene	7.91	146	363553	56.048	ng		97
13) 1,4-Dichlorobenzene	8.06	146	366980	57.227	ng		97
14) 1,2-Dichlorobenzene	8.38	146	347720	57.173	ng		95
15) Benzyl Alcohol	8.26	79	371534	60.421	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	335167	31.364	ng		96
17) 2-Methylphenol	8.47	107	345479	67.218	ng		96
18) Hexachloroethane	9.12	117	135461	53.655	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	314824	58.176	ng		98
20) 3+4-Methylphenols	8.79	107	485651	68.546	ng		99
22) Acetophenone	8.85	105	547106	56.724	ng	#	98
24) Nitrobenzene	9.23	77	458434	56.946	ng		99
25) Isophorone	9.75	82	920609	60.797	ng		98
26) 2-Nitrophenol	9.94	139	207477	79.036	ng		98
27) 2,4-Dimethylphenol	10.00	122	321409	65.179	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	487117	53.904	ng		99
29) 2,4-Dichlorophenol	10.48	162	363984	63.195	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	408741	59.351	ng		98
31) Naphthalene	10.89	128	1122070	59.496	ng		98
32) Benzoic acid	10.17	122	277731	81.232	ng		97
33) 4-Chloroaniline	10.99	127	523099	61.564	ng		97
34) Hexachlorobutadiene	11.18	225	287787	63.544	ng		98
35) Caprolactam	11.76	113	143127	65.633	ng		98
36) 4-Chloro-3-methylphenol	12.11	107	437625	63.708	ng		98
37) 2-Methylnaphthalene	12.49	142	870443	61.700	ng		95
38) 1-Methylnaphthalene	12.71	142	821048	61.905	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	491435	59.563	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	322299	71.478	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	350490	64.009	ng		96
44) 2,4,5-Trichlorophenol	13.16	196	400861	70.592	ng		99
46) 1,1'-Biphenyl	13.49	154	1141050	56.994	ng		99
47) 2-Chloronaphthalene	13.53	162	875652	57.255	ng		97
48) 2-Nitroaniline	13.73	65	295730	55.232	ng		98
49) Acenaphthylene	14.38	152	1422343	59.363	ng		99
50) Dimethylphthalate	14.12	163	1202605	60.270	ng		98
51) 2,6-Dinitrotoluene	14.23	165	277416	68.974	ng		98
52) Acenaphthene	14.73	154	974999	62.134	ng		100
53) 3-Nitroaniline	14.56	138	299685	64.809	ng		98
54) 2,4-Dinitrophenol	14.76	184	175459	98.085	ng		95
55) Dibenzofuran	15.06	168	1387958	60.995	ng		96
56) 4-Nitrophenol	14.87	139	233212	66.083	ng		98
57) 2,4-Dinitrotoluene	15.02	165	403046	73.067	ng	#	98
58) Fluorene	15.71	166	1128060	60.264	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	353181	67.555	ng		99
60) Diethylphthalate	15.48	149	1242328	59.694	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	660258	65.507	ng		98
62) 4-Nitroaniline	15.72	138	303775	61.608	ng		97
63) Azobenzene	16.00	77	1162380	53.784	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	248863	97.837	ng		95
66) n-Nitrosodiphenylamine	15.91	169	1034350	58.490	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	470886	64.127	ng		99
68) Hexachlorobenzene	16.72	284	482730	60.596	ng		99
69) Atrazine	16.86	200	355028	54.796	ng		98
70) Pentachlorophenol	17.06	266	303719	69.291	ng		98
71) Phenanthrene	17.45	178	1793799	57.148	ng		98
72) Anthracene	17.54	178	1800877	58.185	ng		96
73) Carbazole	17.81	167	1743021	58.627	ng		99
74) Di-n-butylphthalate	18.37	149	1993149	55.150	ng		98
75) Fluoranthene	19.46	202	2116621	56.635	ng		97
77) Benzidine	19.63	184	876328	49.807	ng		98
78) Pyrene	19.81	202	2103553	52.903	ng		97
80) Butylbenzylphthalate	20.71	149	932825	52.733	ng		99
81) Benzo(a)anthracene	21.65	228	2084663	53.418	ng		98
82) 3,3'-Dichlorobenzidine	21.57	252	831060	55.046	ng		99
83) Chrysene	21.72	228	2014405	54.037	ng		96
84) Bis(2-ethylhexyl)phthalate	21.57	149	1277878	52.343	ng		100
85) Di-n-octyl phthalate	22.78	149	2226728	54.505	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	2743678	56.139	ng	#	95
88) Benzo(b)fluoranthene	23.86	252	2257817	56.289	ng		99
89) Benzo(k)fluoranthene	23.92	252	2200279	57.965	ng		99
90) Benzo(a)pyrene	24.71	252	2151912	57.335	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	2185357	59.020	ng		97
92) Benzo(g,h,i)perylene	29.63	276	2223222	59.429	ng		98

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

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