Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045157.D
Acq On : 24 Apr 2020 12:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/27/2020 3:05:36 PM

Quant Time: Apr 24 18:00:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 13:00:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	75644	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	288951	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	200793	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	479014	20.00	ng		0.00
76) Chrysene-d12	21.65	240	467142	20.00	ng		0.00
87) Perylene-d12	24.83	264	516698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	366260	79.94	ng		0.00
7) Phenol-d6	7.17	99	525279	77.16	ng		0.00
23) Nitrobenzene-d5	9.16	82	511910	80.84	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	246297	79.40	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1131839	82.65	ng		0.00
79) Terphenyl-d14	20.00	244	1871786	87.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	81154	39.855	ng		96
3) Pyridine	3.86	79	237158	37.827	ng		95
4) n-Nitrosodimethylamine	3.78	42	75437	39.278	ng	#	99
6) Aniline	7.32	93	328984	37.169	ng		99
8) 2-Chlorophenol	7.57	128	191087	38.805	ng		98
9) Benzaldehyde	7.13	77	144217	36.662	ng		94
10) Phenol	7.20	94	258537	37.952	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	201031	37.065	ng		97
12) 1,3-Dichlorobenzene	7.89	146	226874	39.099	ng		99
13) 1,4-Dichlorobenzene	8.04	146	230219	39.817	ng		98
14) 1,2-Dichlorobenzene	8.36	146	217672	39.351	ng		95
15) Benzyl Alcohol	8.24	79	209007	36.620	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	187649	35.246	ng		93
17) 2-Methylphenol	8.45	107	193325	36.783	ng		94
18) Hexachloroethane	9.09	117	83728	38.520	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	174791	36.307	ng		98
20) 3+4-Methylphenols	8.78	107	270616	36.785	ng		97
22) Acetophenone	8.82	105	302998	38.776	ng		99
24) Nitrobenzene	9.20	77	260832	40.182	ng		96
25) Isophorone	9.73	82	493155	38.028	ng		99
26) 2-Nitrophenol	9.92	139	118067	42.226	ng		97
27) 2,4-Dimethylphenol	9.98	122	173832	39.182	ng		93
28) bis(2-Chloroethoxy)methane	10.21	93	256959	37.712	ng		97
29) 2,4-Dichlorophenol	10.46	162	201254	39.286	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	235529	40.608	ng		95
31) Naphthalene	10.86	128	633086	40.051	ng		99
32) Benzoic acid	10.12	122	94214	29.170	ng		89
33) 4-Chloroaniline	10.96	127	276018	37.442	ng		99
34) Hexachlorobutadiene	11.15	225	164316	41.320	ng		98
35) Caprolactam	11.73	113	73259	35.931	ng		94
36) 4-Chloro-3-methylphenol	12.09	107	230570	38.313	ng		97
37) 2-Methylnaphthalene	12.46	142	475844	38.784	ng		97
38) 1-Methylnaphthalene	12.68	142	442757	38.226	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	260444	40.285	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	234128	57.942	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	186618	40.900	ng		93
44) 2,4,5-Trichlorophenol	13.15	196	206642	39.788	ng		98
46) 1,1'-Biphenyl	13.48	154	614722	40.279	ng		99
47) 2-Chloronaphthalene	13.52	162	468868	40.207	ng		99
48) 2-Nitroaniline	13.71	65	156390	40.760	ng		98
49) Acenaphthylene	14.36	152	757006	39.853	ng		100
50) Dimethylphthalate	14.09	163	644561	39.424	ng		99
51) 2,6-Dinitrotoluene	14.20	165	148027	40.479	ng		99
52) Acenaphthene	14.70	154	530660m	41.291	ng		
53) 3-Nitroaniline	14.54	138	155122	38.676	ng	#	89
54) 2,4-Dinitrophenol	14.74	184	115715	53.214	ng		94
55) Dibenzofuran	15.04	168	750647	40.062	ng		99
56) 4-Nitrophenol	14.86	139	122171	39.286	ng		98
57) 2,4-Dinitrotoluene	15.00	165	215106	40.250	ng		95
58) Fluorene	15.69	166	615829	40.238	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	185151	40.066	ng		99
60) Diethylphthalate	15.45	149	661342	38.798	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	354313	40.221	ng		99
62) 4-Nitroaniline	15.70	138	160448	38.570	ng		94
63) Azobenzene	15.97	77	620060	39.455	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	136853	43.465	ng		99
66) n-Nitrosodiphenylamine	15.90	169	547873	39.808	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	243194	39.354	ng		97
68) Hexachlorobenzene	16.70	284	256876	40.080	ng		98
69) Atrazine	16.84	200	203554	40.021	ng		99
70) Pentachlorophenol	17.04	266	173977	44.250	ng		99
71) Phenanthrene	17.43	178	986640	40.082	ng		99
72) Anthracene	17.52	178	1013536	41.048	ng		99
73) Carbazole	17.79	167	1001855	39.983	ng		99
74) Di-n-butylphthalate	18.35	149	1160224	42.152	ng		99
75) Fluoranthene	19.44	202	1272169	43.807	ng		98
77) Benzidine	19.61	184	585044	42.971	ng		99
78) Pyrene	19.80	202	1270519	39.451	ng		99
80) Butylbenzylphthalate	20.69	149	546225	40.918	ng		99
81) Benzo(a)anthracene	21.63	228	1245732	41.144	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	494179	41.007	ng	#	98
83) Chrysene	21.70	228	1182240	40.639	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	745516	40.606	ng		98
85) Di-n-octyl phthalate	22.75	149	1287457	40.551	ng		99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1505217	38.971	ng	#	96
88) Benzo(b)fluoranthene	23.83	252	1280188	39.554	ng		99
89) Benzo(k)fluoranthene	23.89	252	1252292	40.686	ng		97
90) Benzo(a)pyrene	24.68	252	1227328	40.163	ng		99
91) Dibenzo(a,h)anthracene	28.51	278	1234204	40.082	ng		96
92) Benzo(g,h,i)perylene	29.58	276	1206788	39.092	ng		97

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

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