Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045509.D
Acq On : 29 May 2020 1:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:11 PM

Quant Time: May 29 06:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	93632	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	389892	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	277150	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	613284	20.00	ng		0.00
76) Chrysene-d12	21.61	240	540908	20.00	ng		0.00
87) Perylene-d12	24.75	264	591900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	401204	83.74	ng		0.00
7) Phenol-d6	7.16	99	594456	87.17	ng		0.00
23) Nitrobenzene-d5	9.12	82	592595	82.88	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	285641	80.59	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1330390	81.42	ng		0.00
79) Terphenyl-d14	19.96	244	1941484	83.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	92049	38.744	ng		99
3) Pyridine	3.81	79	266745	40.313	ng		95
4) n-Nitrosodimethylamine	3.72	42	88993	41.101	ng		88
6) Aniline	7.29	93	375320	42.162	ng		98
8) 2-Chlorophenol	7.53	128	224555	42.740	ng		97
9) Benzaldehyde	7.09	77	179405	40.381	ng		97
10) Phenol	7.19	94	306482	43.608	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	233957	42.678	ng		97
12) 1,3-Dichlorobenzene	7.85	146	266550	42.217	ng		98
13) 1,4-Dichlorobenzene	7.99	146	269626	43.272	ng		99
14) 1,2-Dichlorobenzene	8.32	146	256585	42.815	ng		96
15) Benzyl Alcohol	8.21	79	246456	43.750	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	216169	41.542	ng		99
17) 2-Methylphenol	8.43	107	227029	43.158	ng		96
18) Hexachloroethane	9.04	117	101670	42.604	ng		91
19) n-Nitroso-di-n-propylamine	8.77	70	200999	42.625	ng		96
20) 3+4-Methylphenols	8.77	107	314766	43.941	ng	#	74
22) Acetophenone	8.78	105	381369	41.270	ng		95
24) Nitrobenzene	9.16	77	313072	40.869	ng		98
25) Isophorone	9.68	82	575595	40.878	ng		99
26) 2-Nitrophenol	9.88	139	140455	42.862	ng		91
27) 2,4-Dimethylphenol	9.96	122	206394	42.466	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	301419	40.818	ng		97
29) 2,4-Dichlorophenol	10.44	162	247306	43.090	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	288769	42.580	ng		98
31) Naphthalene	10.81	128	751426	41.358	ng		99
32) Benzoic acid	10.15	122	141992	44.009	ng		91
33) 4-Chloroaniline	10.93	127	329075	43.330	ng		96
34) Hexachlorobutadiene	11.11	225	202327	42.205	ng		98
35) Caprolactam	11.71	113	85829m	40.742	ng		
36) 4-Chloro-3-methylphenol	12.09	107	273836	42.342	ng		99
37) 2-Methylnaphthalene	12.42	142	574274	42.407	ng		98
38) 1-Methylnaphthalene	12.64	142	538516m	42.098	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	324506	41.919	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	126280	28.263	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	224471	41.742	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	253058	41.180	ng		99
46) 1,1'-Biphenyl	13.43	154	703650	41.319	ng		100
47) 2-Chloronaphthalene	13.48	162	567631	41.047	ng		99
48) 2-Nitroaniline	13.68	65	182477	40.115	ng		87
49) Acenaphthylene	14.32	152	906603	40.815	ng		99
50) Dimethylphthalate	14.06	163	740225	38.934	ng		98
51) 2,6-Dinitrotoluene	14.17	165	169396	39.485	ng		96
52) Acenaphthene	14.67	154	606249m	40.774	ng		
53) 3-Nitroaniline	14.51	138	174569	40.029	ng		97
54) 2,4-Dinitrophenol	14.72	184	86693	34.202	ng		99
55) Dibenzofuran	15.00	168	887877	40.212	ng		96
56) 4-Nitrophenol	14.87	139	117999	35.738	ng		93
57) 2,4-Dinitrotoluene	14.97	165	245439	39.503	ng		99
58) Fluorene	15.65	166	731221	40.310	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	213916	39.568	ng		98
60) Diethylphthalate	15.42	149	765220	38.670	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	421425	40.599	ng		99
62) 4-Nitroaniline	15.68	138	174696	38.371	ng		98
63) Azobenzene	15.93	77	720793	39.064	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	138068	38.656	ng		96
66) n-Nitrosodiphenylamine	15.86	169	640358	43.488	ng		96
67) 4-Bromophenyl-phenylether	16.54	248	299540	45.106	ng		95
68) Hexachlorobenzene	16.66	284	303532	43.700	ng		99
69) Atrazine	16.81	200	243266	40.110	ng		97
70) Pentachlorophenol	17.02	266	143914	39.904	ng		98
71) Phenanthrene	17.39	178	1107809	41.377	ng		99
72) Anthracene	17.49	178	1119097	41.623	ng		98
73) Carbazole	17.76	167	1049547	40.047	ng		99
74) Di-n-butylphthalate	18.31	149	1221026	38.817	ng		98
75) Fluoranthene	19.40	202	1308678	38.430	ng		98
77) Benzidine	19.58	184	576639	37.958	ng		98
78) Pyrene	19.76	202	1311095	42.521	ng		99
80) Butylbenzylphthalate	20.65	149	551133	41.411	ng		97
81) Benzo(a)anthracene	21.59	228	1263338	41.926	ng		98
82) 3,3'-Dichlorobenzidine	21.51	252	493839	41.781	ng		100
83) Chrysene	21.66	228	1218163	42.044	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	754217	41.226	ng		97
85) Di-n-octyl phthalate	22.69	149	1291320	41.096	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1571290	41.472	ng	#	96
88) Benzo(b)fluoranthene	23.77	252	1338240	42.157	ng		99
89) Benzo(k)fluoranthene	23.83	252	1276375	42.798	ng		99
90) Benzo(a)pyrene	24.61	252	1254432	42.431	ng		96
91) Dibenzo(a,h)anthracene	28.39	278	1257285	42.320	ng		100
92) Benzo(g,h,i)perylene	29.45	276	1256345	42.283	ng		98

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

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