Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045473.D
Acq On : 27 May 2020 12:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/29/2020 10:24:24 PM

Quant Time: May 27 13:45:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	76140	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	310464	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	219498	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	520175	20.00	ng		0.00
76) Chrysene-d12	21.61	240	467756	20.00	ng		0.00
87) Perylene-d12	24.76	264	512574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	345082	88.57	ng		0.00
7) Phenol-d6	7.17	99	505762	91.21	ng		0.00
23) Nitrobenzene-d5	9.12	82	501431	88.07	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	248860	88.65	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1147482	88.67	ng		0.00
79) Terphenyl-d14	19.97	244	1831545	91.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	79018	40.900	ng		96
3) Pyridine	3.80	79	241586	44.898	ng		97
4) n-Nitrosodimethylamine	3.72	42	77164	43.825	ng	#	90
6) Aniline	7.29	93	314346	43.425	ng		95
8) 2-Chlorophenol	7.54	128	191546	44.832	ng		98
9) Benzaldehyde	7.09	77	144984	40.130	ng		96
10) Phenol	7.20	94	257303	45.022	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	201972	45.308	ng		100
12) 1,3-Dichlorobenzene	7.85	146	228444	44.493	ng		97
13) 1,4-Dichlorobenzene	7.99	146	230454	45.483	ng		100
14) 1,2-Dichlorobenzene	8.31	146	216618	44.450	ng		96
15) Benzyl Alcohol	8.21	79	211073	46.077	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	187143	44.227	ng		99
17) 2-Methylphenol	8.44	107	196816	46.010	ng		97
18) Hexachloroethane	9.04	117	86567	44.609	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	176452	46.016	ng		97
20) 3+4-Methylphenols	8.77	107	259661	44.576	ng	#	71
22) Acetophenone	8.78	105	322852	43.876	ng	#	94
24) Nitrobenzene	9.16	77	269962	44.258	ng		98
25) Isophorone	9.68	82	504128	44.962	ng		96
26) 2-Nitrophenol	9.87	139	118669	45.478	ng		95
27) 2,4-Dimethylphenol	9.96	122	171599	44.339	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	262838	44.700	ng		97
29) 2,4-Dichlorophenol	10.44	162	206926	45.278	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	240262	44.491	ng		98
31) Naphthalene	10.82	128	638282	44.119	ng		99
32) Benzoic acid	10.14	122	130956	49.387	ng		92
33) 4-Chloroaniline	10.93	127	273599	45.242	ng		97
34) Hexachlorobutadiene	11.11	225	173052	45.334	ng		94
35) Caprolactam	11.70	113	72044	42.948	ng		92
36) 4-Chloro-3-methylphenol	12.09	107	230628	44.784	ng		99
37) 2-Methylnaphthalene	12.43	142	487264	45.188	ng		98
38) 1-Methylnaphthalene	12.65	142	456388m	44.805	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	271432	44.273	ng		100

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Quant Time: May 27 13:45:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	154577	43.682 ng		99
43) 2,4,6-Trichlorophenol	13.05	196	192158	45.119 ng		92
44) 2,4,5-Trichlorophenol	13.14	196	215322	44.243 ng		98
46) 1,1'-Biphenyl	13.43	154	591040	43.822 ng		100
47) 2-Chloronaphthalene	13.48	162	480280	43.853 ng		99
48) 2-Nitroaniline	13.69	65	156730	43.504 ng		93
49) Acenaphthylene	14.33	152	780407	44.362 ng		98
50) Dimethylphthalate	14.06	163	661380	43.924 ng		99
51) 2,6-Dinitrotoluene	14.17	165	153439	45.160 ng		95
52) Acenaphthene	14.67	154	524385m	44.532 ng		
53) 3-Nitroaniline	14.51	138	151012	43.722 ng		97
54) 2,4-Dinitrophenol	14.72	184	85880	41.411 ng		95
55) Dibenzofuran	15.00	168	768864	43.968 ng		97
56) 4-Nitrophenol	14.88	139	111062	42.472 ng		96
57) 2,4-Dinitrotoluene	14.97	165	214980	43.688 ng		97
58) Fluorene	15.65	166	635093	44.207 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	186246	43.498 ng		99
60) Diethylphthalate	15.42	149	676450	43.162 ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	367493	44.702 ng		98
62) 4-Nitroaniline	15.68	138	157121	43.575 ng		99
63) Azobenzene	15.94	77	628484	43.007 ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	133517	44.072 ng		97
66) n-Nitrosodiphenylamine	15.86	169	559042	44.761 ng		96
67) 4-Bromophenyl-phenylether	16.54	248	258548	45.902 ng		94
68) Hexachlorobenzene	16.66	284	265141	45.006 ng		96
69) Atrazine	16.81	200	223459	43.439 ng		99
70) Pentachlorophenol	17.02	266	128628	42.049 ng		98
71) Phenanthrene	17.39	178	1001751	44.113 ng		99
72) Anthracene	17.49	178	1008352	44.217 ng		98
73) Carbazole	17.76	167	964441	43.387 ng		99
74) Di-n-butylphthalate	18.31	149	1148687	43.053 ng		98
75) Fluoranthene	19.40	202	1234595	42.743 ng		100
77) Benzidine	19.58	184	450870	34.320 ng		99
78) Pyrene	19.77	202	1211701	45.443 ng		99
80) Butylbenzylphthalate	20.65	149	485993	42.227 ng		98
81) Benzo(a)anthracene	21.59	228	1164421	44.687 ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	440396	43.086 ng		97
83) Chrysene	21.66	228	1123041	44.823 ng		97
84) Bis(2-ethylhexyl)phthalate	21.50	149	685225	43.312 ng		99
85) Di-n-octyl phthalate	22.69	149	1188339	43.733 ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1447853	44.191 ng	#	95
88) Benzo(b)fluoranthene	23.76	252	1244469	45.270 ng		99
89) Benzo(k)fluoranthene	23.82	252	1197955	46.385 ng		100
90) Benzo(a)pyrene	24.61	252	1167577	45.605 ng		98
91) Dibenzo(a,h)anthracene	28.39	278	1163020	45.205 ng		99
92) Benzo(g,h,i)perylene	29.45	276	1165697	45.303 ng		98

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

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