Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055709.D
Acq On : 21 Nov 2022 10:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 02:00:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.249	152	31085	20.000	ng		0.00
21) Naphthalene-d8	11.081	136	138091	20.000	ng		0.00
39) Acenaphthene-d10	14.876	164	110164	20.000	ng		0.00
64) Phenanthrene-d10	17.614	188	257548	20.000	ng		0.00
76) Chrysene-d12	21.915	240	223485	20.000	ng		0.00
86) Perylene-d12	25.329	264	242338	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.775	112	123173	71.622	ng		0.00
7) Phenol-d6	7.391	99	176141	76.942	ng		0.00
23) Nitrobenzene-d5	9.424	82	196951	75.384	ng		0.00
42) 2,4,6-Tribromophenol	16.357	330	116478	75.086	ng		0.00
45) 2-Fluorobiphenyl	13.496	172	527253	71.701	ng		0.00
79) Terphenyl-d14	20.199	244	858199	76.806	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.607	88	23655	32.186	ng		99
3) Pyridine	4.024	79	82715	36.687	ng		98
4) n-Nitrosodimethylamine	3.930	42	44023	36.880	ng		98
6) Aniline	7.561	93	112187	39.016	ng		97
8) 2-Chlorophenol	7.808	128	75952	38.633	ng		97
9) Benzaldehyde	7.373	77	56664	36.446	ng		99
10) Phenol	7.420	94	100259	39.113	ng		99
11) bis(2-Chloroethyl)ether	7.655	93	73135	37.230	ng		98
12) 1,3-Dichlorobenzene	8.137	146	83982	36.333	ng		97
13) 1,4-Dichlorobenzene	8.284	146	85692	36.688	ng		99
14) 1,2-Dichlorobenzene	8.607	146	81674	36.490	ng		98
15) Benzyl Alcohol	8.484	79	77951	41.897	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.772	45	137490	38.663	ng		98
17) 2-Methylphenol	8.684	107	73390	40.328	ng		98
18) Hexachloroethane	9.342	117	30407	37.824	ng		99
19) n-Nitroso-di-n-propyla...	9.054	70	72265	41.084	ng		98
20) 3+4-Methylphenols	9.013	107	105405	41.462	ng		98
22) Acetophenone	9.077	105	134891	37.592	ng	#	98
24) Nitrobenzene	9.465	77	102163	37.436	ng		100
25) Isophorone	9.988	82	194818	39.355	ng		99
26) 2-Nitrophenol	10.182	139	49065	38.947	ng		94
27) 2,4-Dimethylphenol	10.229	122	73664m	38.420	ng		
28) bis(2-Chloroethoxy)met...	10.464	93	100842	37.946	ng		99
29) 2,4-Dichlorophenol	10.722	162	90418	39.399	ng		97
30) 1,2,4-Trichlorobenzene	10.940	180	99185	37.201	ng		98
31) Naphthalene	11.128	128	277215	37.135	ng		100
32) Benzoic acid	10.370	122	58113	36.839	ng		97
33) 4-Chloroaniline	11.228	127	122687	39.841	ng		97
34) Hexachlorobutadiene	11.404	225	67818	37.251	ng		100
35) Caprolactam	12.003	113	31499	39.663	ng		89
36) 4-Chloro-3-methylphenol	12.338	107	103247	40.933	ng		96
37) 2-Methylnaphthalene	12.720	142	217085	38.839	ng		98
38) 1-Methylnaphthalene	12.931	142	213039	39.262	ng		99
40) 1,2,4,5-Tetrachloroben...	13.078	216	125582	36.275	ng		99
41) Hexachlorocyclopentadiene	13.055	237	57214	32.790	ng		97
43) 2,4,6-Trichlorophenol	13.313	196	89978	38.101	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.390	196	96546	37.202	ng		95
46) 1,1'-Biphenyl	13.707	154	289125	36.015	ng		99
47) 2-Chloronaphthalene	13.760	162	226630	36.320	ng		99
48) 2-Nitroaniline	13.954	65	77589	37.821	ng		98
49) Acenaphthylene	14.600	152	376820	36.673	ng		100
50) Dimethylphthalate	14.312	163	323362	36.822	ng		99
51) 2,6-Dinitrotoluene	14.441	165	67625	37.661	ng		96
52) Acenaphthene	14.935	154	244489m	36.407	ng		
53) 3-Nitroaniline	14.771	138	73013	37.041	ng		99
54) 2,4-Dinitrophenol	14.976	184	37966	36.774	ng		98
55) Dibenzofuran	15.270	168	375659	36.261	ng		98
56) 4-Nitrophenol	15.070	139	55169	35.661	ng		98
57) 2,4-Dinitrotoluene	15.223	165	96561	38.142	ng		97
58) Fluorene	15.916	166	300343	36.298	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.493	232	93645	37.240	ng		99
60) Diethylphthalate	15.664	149	324205	36.515	ng		99
61) 4-Chlorophenyl-phenyle...	15.899	204	168319	37.007	ng		99
62) 4-Nitroaniline	15.928	138	73929	35.879	ng		95
63) Azobenzene	16.192	77	279503	36.058	ng		99
65) 4,6-Dinitro-2-methylph...	15.987	198	57425	39.931	ng		99
66) n-Nitrosodiphenylamine	16.110	169	268143	37.778	ng		99
67) 4-Bromophenyl-phenylether	16.792	248	112761	38.426	ng		97
68) Hexachlorobenzene	16.921	284	124322	38.208	ng		96
69) Atrazine	17.050	200	102664	36.572	ng		99
70) Pentachlorophenol	17.262	266	72134	36.240	ng		99
71) Phenanthrene	17.655	178	503899	36.256	ng		99
72) Anthracene	17.749	178	493753	36.564	ng		100
73) Carbazole	18.014	167	429767	35.401	ng		99
74) Di-n-butylphthalate	18.548	149	530147	35.169	ng		99
75) Fluoranthene	19.653	202	568682	33.633	ng		100
77) Benzidine	19.823	184	189330	36.619	ng		99
78) Pyrene	20.017	202	574390	37.970	ng		100
80) Butylbenzylphthalate	20.881	149	220465	37.228	ng		97
81) Benzo(a)anthracene	21.892	228	570182	37.042	ng		99
82) 3,3'-Dichlorobenzidine	21.798	252	202713	37.479	ng		97
83) Chrysene	21.962	228	545926	37.255	ng		98
84) Bis(2-ethylhexyl)phtha...	21.762	149	312964	36.773	ng		100
85) Di-n-octyl phthalate	23.037	149	541874	37.205	ng		99
87) Indeno(1,2,3-cd)pyrene	29.265	276	738393	37.193	ng	#	95
88) Benzo(b)fluoranthene	24.236	252	568983	36.052	ng		99
89) Benzo(k)fluoranthene	24.312	252	573149	36.432	ng		99
90) Benzo(a)pyrene	25.164	252	489045	36.110	ng		100
91) Dibenzo(a,h)anthracene	29.336	278	612255	37.739	ng		98
92) Benzo(g,h,i)perylene	30.499	276	615612	37.649	ng		98

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

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