Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
Data File : BG055647.D
Acq On : 16 Nov 2022 14:50
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 15:44:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:38:40 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.255	152	37187	20.000	ng		0.00
21) Naphthalene-d8	11.081	136	153358	20.000	ng		0.00
39) Acenaphthene-d10	14.877	164	114124	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	278798	20.000	ng		0.00
76) Chrysene-d12	21.922	240	269314	20.000	ng		0.00
86) Perylene-d12	25.323	264	287751	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.776	112	249884	127.686	ng		0.00
7) Phenol-d6	7.391	99	336587	124.882	ng		0.00
23) Nitrobenzene-d5	9.430	82	354127	152.563	ng		0.00
42) 2,4,6-Tribromophenol	16.357	330	199318	169.431	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	872482	114.949	ng		0.00
79) Terphenyl-d14	20.206	244	1541049	114.437	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.619	88	52908	54.382	ng		99
3) Pyridine	4.031	79	168990	61.691	ng		99
4) n-Nitrosodimethylamine	3.937	42	89052	59.702	ng		97
6) Aniline	7.568	93	214674	60.208	ng		98
8) 2-Chlorophenol	7.815	128	141553	64.219	ng		97
9) Benzaldehyde	7.380	77	102700	49.087	ng		97
10) Phenol	7.421	94	189327	61.138	ng		99
11) bis(2-Chloroethyl)ether	7.662	93	142241	57.329	ng		99
12) 1,3-Dichlorobenzene	8.144	146	166033	60.790	ng		97
13) 1,4-Dichlorobenzene	8.290	146	168217	60.881	ng		99
14) 1,2-Dichlorobenzene	8.614	146	160043	60.881	ng		97
15) Benzyl Alcohol	8.484	79	142204	61.112	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.772	45	254135	53.765	ng		98
17) 2-Methylphenol	8.684	107	135867	62.287	ng		99
18) Hexachloroethane	9.348	117	58659	63.530	ng		99
19) n-Nitroso-di-n-propyla...	9.060	70	128642	58.109	ng		98
20) 3+4-Methylphenols	9.013	107	191301	62.975	ng		98
22) Acetophenone	9.084	105	237408	58.115	ng	#	100
24) Nitrobenzene	9.471	77	185160	70.107	ng		98
25) Isophorone	9.988	82	339728	58.991	ng		99
26) 2-Nitrophenol	10.182	139	90209	108.441	ng		96
27) 2,4-Dimethylphenol	10.229	122	130992m	63.168	ng		
28) bis(2-Chloroethoxy)met...	10.470	93	178665	57.651	ng		99
29) 2,4-Dichlorophenol	10.717	162	158143	68.621	ng		98
30) 1,2,4-Trichlorobenzene	10.940	180	177202	62.027	ng		98
31) Naphthalene	11.134	128	500465	60.236	ng		100
32) Benzoic acid	10.370	122	120039	94.895	ng		97
33) 4-Chloroaniline	11.234	127	212131	61.085	ng		99
34) Hexachlorobutadiene	11.410	225	121143	63.260	ng		98
35) Caprolactam	12.015	113	55975	70.879	ng		97
36) 4-Chloro-3-methylphenol	12.333	107	176740	65.640	ng		97
37) 2-Methylnaphthalene	12.721	142	377143	60.265	ng		99
38) 1-Methylnaphthalene	12.938	142	368195	60.185	ng		99
40) 1,2,4,5-Tetrachloroben...	13.079	216	209517	61.081	ng		100
41) Hexachlorocyclopentadiene	13.061	237	114699	75.944	ng		97
43) 2,4,6-Trichlorophenol	13.314	196	149702	72.762	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	167101	71.260	ng	99
46) 1,1'-Biphenyl	13.714	154	488150	58.399	ng	99
47) 2-Chloronaphthalene	13.761	162	380400	58.776	ng	97
48) 2-Nitroaniline	13.954	65	135842	94.224	ng	98
49) Acenaphthylene	14.601	152	638561	59.641	ng	100
50) Dimethylphthalate	14.319	163	548306	62.824	ng	99
51) 2,6-Dinitrotoluene	14.442	165	116557	87.522	ng	99
52) Acenaphthene	14.941	154	430765	64.058	ng	96
53) 3-Nitroaniline	14.771	138	129585	77.971	ng	100
54) 2,4-Dinitrophenol	14.971	184	72722	114.145	ng	99
55) Dibenzofuran	15.271	168	638749	59.682	ng	98
56) 4-Nitrophenol	15.065	139	106033	78.319	ng	99
57) 2,4-Dinitrotoluene	15.224	165	169313	95.621	ng	98
58) Fluorene	15.917	166	508475	59.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.494	232	163388	74.822	ng	99
60) Diethylphthalate	15.676	149	553975	62.448	ng	98
61) 4-Chlorophenyl-phenyle...	15.905	204	281304	61.786	ng	100
62) 4-Nitroaniline	15.934	138	135444	76.459	ng	98
63) Azobenzene	16.199	77	485426	56.966	ng	99
65) 4,6-Dinitro-2-methylph...	15.987	198	106277	107.712	ng	99
66) n-Nitrosodiphenylamine	16.117	169	459513	59.048	ng	99
67) 4-Bromophenyl-phenylether	16.798	248	191340	66.185	ng	99
68) Hexachlorobenzene	16.922	284	210308	61.906	ng	99
69) Atrazine	17.057	200	177142	62.531	ng	99
70) Pentachlorophenol	17.262	266	140370	73.303	ng	99
71) Phenanthrene	17.662	178	888078	59.208	ng	100
72) Anthracene	17.750	178	873604	59.578	ng	99
73) Carbazole	18.014	167	780661	58.907	ng	98
74) Di-n-butylphthalate	18.555	149	973487	63.827	ng	99
75) Fluoranthene	19.659	202	1065451	59.428	ng	99
77) Benzidine	19.824	184	379132	53.238	ng	98
78) Pyrene	20.018	202	1077151	58.884	ng	98
80) Butylbenzylphthalate	20.887	149	437307	70.746	ng	100
81) Benzo(a)anthracene	21.898	228	1093222	59.165	ng	98
82) 3,3'-Dichlorobenzidine	21.804	252	388910	63.955	ng	99
83) Chrysene	21.969	228	1041249	59.208	ng	99
84) Bis(2-ethylhexyl)phtha...	21.775	149	618823	66.883	ng	100
85) Di-n-octyl phthalate	23.055	149	1056900	65.528	ng	99
87) Indeno(1,2,3-cd)pyrene	29.266	276	1346516	60.807	ng	99
88) Benzo(b)fluoranthene	24.242	252	1102897	60.053	ng	99
89) Benzo(k)fluoranthene	24.319	252	1105498	59.170	ng	98
90) Benzo(a)pyrene	25.171	252	949520	60.145	ng	99
91) Dibenzo(a,h)anthracene	29.342	278	1104961	60.434	ng	99
92) Benzo(g,h,i)perylene	30.506	276	1100646	61.278	ng	98

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

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