Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055912.D
Acq On : 7 Dec 2022 12:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 05:04:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.162	152	35355	20.000	ng		0.00
21) Naphthalene-d8	10.994	136	140132	20.000	ng		0.00
39) Acenaphthene-d10	14.795	164	103755	20.000	ng		0.00
64) Phenanthrene-d10	17.539	188	254623	20.000	ng		0.00
76) Chrysene-d12	21.822	240	243708	20.000	ng		0.00
86) Perylene-d12	25.171	264	256792	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.694	112	144778	74.017	ng		0.00
7) Phenol-d6	7.322	99	191473	73.538	ng		0.00
23) Nitrobenzene-d5	9.337	82	209070	78.857	ng		0.00
42) 2,4,6-Tribromophenol	16.288	330	105298	72.072	ng		0.00
45) 2-Fluorobiphenyl	13.420	172	513088	74.085	ng		0.00
79) Terphenyl-d14	20.130	244	927507	76.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.491	88	30378	36.342	ng		98
3) Pyridine	3.914	79	96023	37.445	ng		96
4) n-Nitrosodimethylamine	3.826	42	54785	40.353	ng		95
6) Aniline	7.474	93	119447	36.524	ng		97
8) 2-Chlorophenol	7.727	128	81626	36.505	ng		97
9) Benzaldehyde	7.292	77	60886m	34.432	ng		
10) Phenol	7.345	94	107525	36.882	ng		94
11) bis(2-Chloroethyl)ether	7.568	93	80632	36.089	ng		99
12) 1,3-Dichlorobenzene	8.050	146	96666	36.770	ng		96
13) 1,4-Dichlorobenzene	8.197	146	97092	36.548	ng		99
14) 1,2-Dichlorobenzene	8.520	146	91953	36.121	ng		97
15) Benzyl Alcohol	8.403	79	82849	39.152	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.685	45	157791	39.013	ng		98
17) 2-Methylphenol	8.608	107	76685	37.049	ng		98
18) Hexachloroethane	9.255	117	34505	37.737	ng		99
19) n-Nitroso-di-n-propyla...	8.973	70	75272	37.626	ng		96
20) 3+4-Methylphenols	8.943	107	107120	37.048	ng		97
22) Acetophenone	8.990	105	138045	37.911	ng	#	96
24) Nitrobenzene	9.384	77	108033	39.011	ng		98
25) Isophorone	9.901	82	194721	38.762	ng		99
26) 2-Nitrophenol	10.095	139	52517	41.080	ng		92
27) 2,4-Dimethylphenol	10.148	122	75264m	38.683	ng		
28) bis(2-Chloroethoxy)met...	10.377	93	102991	38.190	ng		99
29) 2,4-Dichlorophenol	10.641	162	90104	38.691	ng		98
30) 1,2,4-Trichlorobenzene	10.853	180	102563	37.908	ng		99
31) Naphthalene	11.041	128	288358	38.065	ng		100
32) Benzoic acid	10.324	122	36611m	22.871	ng		
33) 4-Chloroaniline	11.146	127	118208	37.828	ng		99
34) Hexachlorobutadiene	11.311	225	70831	38.340	ng		99
35) Caprolactam	11.934	113	32322	40.107	ng		93
36) 4-Chloro-3-methylphenol	12.269	107	98465	38.469	ng		98
37) 2-Methylnaphthalene	12.639	142	215997	38.081	ng		98
38) 1-Methylnaphthalene	12.856	142	208519	37.869	ng		100
40) 1,2,4,5-Tetrachloroben...	12.997	216	123426	37.854	ng		99
41) Hexachlorocyclopentadiene	12.974	237	55280	33.639	ng		97
43) 2,4,6-Trichlorophenol	13.244	196	77808	34.983	ng		96

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Operator : CG/JU
Sample : SSTDCCC040
Misc :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.326	196	86745	35.490	ng		98
46) 1,1'-Biphenyl	13.632	154	278534	36.839	ng		98
47) 2-Chloronaphthalene	13.679	162	218081	37.109	ng		98
48) 2-Nitroaniline	13.884	65	79058	40.917	ng		97
49) Acenaphthylene	14.525	152	363285	37.540	ng		99
50) Dimethylphthalate	14.243	163	316788	38.301	ng		99
51) 2,6-Dinitrotoluene	14.372	165	65646	38.817	ng		93
52) Acenaphthene	14.866	154	238404m	37.694	ng		
53) 3-Nitroaniline	14.707	138	72333	38.963	ng		99
54) 2,4-Dinitrophenol	14.924	184	39757	40.888	ng		94
55) Dibenzofuran	15.195	168	362256	37.127	ng		98
56) 4-Nitrophenol	15.024	139	53924	37.009	ng		92
57) 2,4-Dinitrotoluene	15.159	165	97836	41.033	ng		97
58) Fluorene	15.841	166	294138	37.744	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.424	232	81272	34.316	ng		97
60) Diethylphthalate	15.594	149	324695	38.829	ng		99
61) 4-Chlorophenyl-phenyle...	15.823	204	158605	37.025	ng		97
62) 4-Nitroaniline	15.870	138	78661	40.534	ng		97
63) Azobenzene	16.117	77	282221	38.658	ng		97
65) 4,6-Dinitro-2-methylph...	15.929	198	58140	40.892	ng		99
66) n-Nitrosodiphenylamine	16.041	169	262610	37.424	ng		99
67) 4-Bromophenyl-phenylether	16.716	248	109388	37.705	ng		98
68) Hexachlorobenzene	16.846	284	120359	37.415	ng		99
69) Atrazine	16.981	200	106568	38.399	ng		99
70) Pentachlorophenol	17.198	266	77563m	39.415	ng		
71) Phenanthrene	17.580	178	513546	37.374	ng		99
72) Anthracene	17.674	178	503202	37.691	ng		100
73) Carbazole	17.944	167	459888	38.317	ng		99
74) Di-n-butylphthalate	18.473	149	589208	39.536	ng		99
75) Fluoranthene	19.584	202	628924	37.623	ng		100
77) Benzidine	19.754	184	262998	46.647	ng		98
78) Pyrene	19.942	202	633365	38.395	ng		100
80) Butylbenzylphthalate	20.806	149	248122	38.422	ng		97
81) Benzo(a)anthracene	21.805	228	628604	37.449	ng		100
82) 3,3'-Dichlorobenzidine	21.705	252	223742	37.934	ng		98
83) Chrysene	21.869	228	597450	37.388	ng		99
84) Bis(2-ethylhexyl)phtha...	21.669	149	355618	38.317	ng		100
85) Di-n-octyl phthalate	22.909	149	605762	38.140	ng		98
87) Indeno(1,2,3-cd)pyrene	29.049	276	746821	35.500	ng	#	95
88) Benzo(b)fluoranthene	24.102	252	619509	37.044	ng		99
89) Benzo(k)fluoranthene	24.172	252	621625	37.289	ng		99
90) Benzo(a)pyrene	25.013	252	532990	37.139	ng		100
91) Dibenzo(a,h)anthracene	29.096	278	618976	36.006	ng		99
92) Benzo(g,h,i)perylene	30.253	276	612938	35.376	ng		98

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

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