Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055268.D
Acq On : 25 Oct 2022 8:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 25 12:39:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.271	152	32214	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	143536	20.000	ng		0.00
39) Acenaphthene-d10	14.887	164	98695	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	240127	20.000	ng		0.00
76) Chrysene-d12	21.896	240	227596	20.000	ng		0.00
86) Perylene-d12	25.286	264	245653	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	159997	86.965	ng		0.00
7) Phenol-d6	7.413	99	227153	85.222	ng		0.00
23) Nitrobenzene-d5	9.446	82	233155	82.946	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	94350	87.939	ng		0.00
45) 2-Fluorobiphenyl	13.512	172	486832	80.736	ng		0.00
79) Terphenyl-d14	20.192	244	901868	82.330	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.606	88	38833	43.715	ng		99
3) Pyridine	4.023	79	119875	44.811	ng		99
4) n-Nitrosodimethylamine	3.935	42	49987	42.059	ng		96
6) Aniline	7.583	93	146014	41.846	ng		99
8) 2-Chlorophenol	7.830	128	90637	42.375	ng		99
9) Benzaldehyde	7.395	77	68660	37.728	ng		96
10) Phenol	7.437	94	128078	42.899	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	92969	41.251	ng		99
12) 1,3-Dichlorobenzene	8.159	146	98736	42.308	ng		96
13) 1,4-Dichlorobenzene	8.306	146	99332	41.671	ng		99
14) 1,2-Dichlorobenzene	8.635	146	96041	41.847	ng		97
15) Benzyl Alcohol	8.506	79	89915	40.312	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.794	45	145039	39.325	ng		98
17) 2-Methylphenol	8.706	107	87510	41.446	ng		98
18) Hexachloroethane	9.370	117	35558	41.891	ng		100
19) n-Nitroso-di-n-propyla...	9.076	70	87611	39.582	ng		99
20) 3+4-Methylphenols	9.035	107	124912	41.305	ng		98
22) Acetophenone	9.099	105	152531	41.566	ng	#	97
24) Nitrobenzene	9.487	77	121523	41.520	ng		98
25) Isophorone	10.010	82	228428	40.233	ng		98
26) 2-Nitrophenol	10.204	139	53855	42.018	ng		95
27) 2,4-Dimethylphenol	10.251	122	81657m	40.808	ng		
28) bis(2-Chloroethoxy)met...	10.486	93	118601	41.373	ng		99
29) 2,4-Dichlorophenol	10.739	162	89860	41.862	ng		98
30) 1,2,4-Trichlorobenzene	10.962	180	91736	41.873	ng		98
31) Naphthalene	11.150	128	316103	41.282	ng		100
32) Benzoic acid	10.380	122	58355	39.414	ng		97
33) 4-Chloroaniline	11.250	127	134063	40.953	ng		98
34) Hexachlorobutadiene	11.426	225	51837	41.411	ng		95
35) Caprolactam	12.019	113	41877	42.034	ng		98
36) 4-Chloro-3-methylphenol	12.348	107	112648	41.705	ng		99
37) 2-Methylnaphthalene	12.736	142	222824	40.361	ng		99
38) 1-Methylnaphthalene	12.954	142	218323	40.085	ng		97
40) 1,2,4,5-Tetrachloroben...	13.095	216	96502	40.540	ng		100
41) Hexachlorocyclopentadiene	13.071	237	43791	40.247	ng		99
43) 2,4,6-Trichlorophenol	13.330	196	73900	42.033	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.400	196	84727	43.570	ng		99
46)	1,1'-Biphenyl	13.723	154	279643	41.311	ng		98
47)	2-Chloronaphthalene	13.770	162	218973	41.022	ng		98
48)	2-Nitroaniline	13.964	65	88887	42.580	ng		100
49)	Acenaphthylene	14.611	152	384164	41.691	ng		99
50)	Dimethylphthalate	14.329	163	328375	42.376	ng		100
51)	2,6-Dinitrotoluene	14.452	165	69478	44.062	ng		94
52)	Acenaphthene	14.951	154	247494	42.137	ng		99
53)	3-Nitroaniline	14.781	138	87365	44.083	ng		95
54)	2,4-Dinitrophenol	14.987	184	37639	42.764	ng		98
55)	Dibenzofuran	15.280	168	365350	41.461	ng		99
56)	4-Nitrophenol	15.075	139	66189	46.694	ng		98
57)	2,4-Dinitrotoluene	15.233	165	103015	45.020	ng		94
58)	Fluorene	15.927	166	307192	41.897	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.498	232	77565	44.742	ng		98
60)	Diethylphthalate	15.674	149	358036	43.436	ng		99
61)	4-Chlorophenyl-phenyle...	15.909	204	140950	41.833	ng		99
62)	4-Nitroaniline	15.938	138	93004	44.657	ng		99
63)	Azobenzene	16.197	77	339669	42.299	ng		99
65)	4,6-Dinitro-2-methylph...	15.991	198	59769	45.277	ng		98
66)	n-Nitrosodiphenylamine	16.121	169	274893	41.129	ng		99
67)	4-Bromophenyl-phenylether	16.796	248	94959	40.704	ng		94
68)	Hexachlorobenzene	16.925	284	107834	40.881	ng		97
69)	Atrazine	17.055	200	101701	44.749	ng		98
70)	Pentachlorophenol	17.266	266	60685	41.972	ng		98
71)	Phenanthrene	17.660	178	529498	41.347	ng		99
72)	Anthracene	17.748	178	522273	41.717	ng		100
73)	Carbazole	18.012	167	506624	42.073	ng		100
74)	Di-n-butylphthalate	18.547	149	664602	44.153	ng		100
75)	Fluoranthene	19.646	202	632570	42.391	ng		99
77)	Benzidine	19.816	184	216412	39.271	ng		99
78)	Pyrene	20.010	202	645252	41.362	ng		99
80)	Butylbenzylphthalate	20.868	149	304150	41.258	ng		95
81)	Benzo(a)anthracene	21.873	228	605216	39.599	ng		99
82)	3,3'-Dichlorobenzidine	21.779	252	204996	41.183	ng		99
83)	Chrysene	21.943	228	575791	39.662	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.743	149	432083	41.030	ng		99
85)	Di-n-octyl phthalate	23.007	149	736312	41.969	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.199	276	738779	40.719	ng	#	91
88)	Benzo(b)fluoranthene	24.205	252	589834	39.917	ng		99
89)	Benzo(k)fluoranthene	24.276	252	617482	41.384	ng		99
90)	Benzo(a)pyrene	25.128	252	517396	40.831	ng		99
91)	Dibenzo(a,h)anthracene	29.264	278	605864	40.691	ng		100
92)	Benzo(g,h,i)perylene	30.427	276	597924	40.487	ng		100

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

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