Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055296.D
Acq On : 26 Oct 2022 12:24
Operator : CG/JU
Sample : PB148564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 10:33:51 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 :
PB148564BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	31073	20.000	ng	0.00
21) Naphthalene-d8	11.105	136	148381	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	105933	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	233903	20.000	ng	0.00
76) Chrysene-d12	21.904	240	202185	20.000	ng	0.00
86) Perylene-d12	25.300	264	215777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	280287	157.942	ng	0.00
7) Phenol-d6	7.421	99	391640	152.329	ng	0.00
23) Nitrobenzene-d5	9.448	82	243647	83.848	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	175249	152.181	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	567665	87.709	ng	0.00
79) Terphenyl-d14	20.194	244	924199	94.972	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.602	88	25694	29.986	ng	94
3) Pyridine	4.019	79	76493	29.644	ng	96
4) n-Nitrosodimethylamine	3.931	42	44012	38.391	ng	97
6) Aniline	7.586	93	153104	45.489	ng	99
8) 2-Chlorophenol	7.832	128	107475	52.093	ng	99
9) Benzaldehyde	7.398	77	52039	29.645	ng	96
10) Phenol	7.445	94	142240	49.392	ng	97
11) bis(2-Chloroethyl)ether	7.680	93	98914	45.501	ng	99
12) 1,3-Dichlorobenzene	8.161	146	103524	45.988	ng	97
13) 1,4-Dichlorobenzene	8.308	146	104279	45.353	ng	100
14) 1,2-Dichlorobenzene	8.631	146	103641	46.817	ng	98
15) Benzyl Alcohol	8.508	79	102937m	47.844	ng	
16) 2,2'-oxybis(1-Chloropr...	8.796	45	164948	46.365	ng	98
17) 2-Methylphenol	8.714	107	100534	49.363	ng	97
18) Hexachloroethane	9.372	117	37347	45.615	ng	95
19) n-Nitroso-di-n-propyla...	9.078	70	95672	44.811	ng	98
20) 3+4-Methylphenols	9.043	107	139443	47.803	ng	99
22) Acetophenone	9.101	105	166953	44.011	ng	97
24) Nitrobenzene	9.489	77	129157	42.687	ng	98
25) Isophorone	10.012	82	262276	44.686	ng	97
26) 2-Nitrophenol	10.206	139	62304	47.022	ng	98
27) 2,4-Dimethylphenol	10.253	122	111631	53.966	ng	96
28) bis(2-Chloroethoxy)met...	10.488	93	148175	50.001	ng	99
29) 2,4-Dichlorophenol	10.747	162	110595	49.839	ng	97
30) 1,2,4-Trichlorobenzene	10.964	180	101837	44.965	ng	99
31) Naphthalene	11.158	128	340669	43.037	ng	99
32) Benzoic acid	10.406	122	58852	38.553	ng	98
33) 4-Chloroaniline	11.258	127	123108	36.378	ng	98
34) Hexachlorobutadiene	11.428	225	61926	47.856	ng	98
35) Caprolactam	12.033	113	44402m	43.113	ng	
36) 4-Chloro-3-methylphenol	12.362	107	132674	47.515	ng	99
37) 2-Methylnaphthalene	12.738	142	251614	44.088	ng	99
38) 1-Methylnaphthalene	12.956	142	240899	42.786	ng	99
40) 1,2,4,5-Tetrachloroben...	13.103	216	123489	48.333	ng	98
41) Hexachlorocyclopentadiene	13.073	237	150267	121.299	ng	96
43) 2,4,6-Trichlorophenol	13.332	196	89968	47.676	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.408	196	99110	47.484	ng	98
46)	1,1'-Biphenyl	13.725	154	341643	47.022	ng	99
47)	2-Chloronaphthalene	13.778	162	254028	44.338	ng	98
48)	2-Nitroaniline	13.972	65	94698	42.264	ng	99
49)	Acenaphthylene	14.618	152	430729	43.551	ng	99
50)	Dimethylphthalate	14.331	163	363579	43.714	ng	99
51)	2,6-Dinitrotoluene	14.454	165	77748	45.938	ng	99
52)	Acenaphthene	14.953	154	305247m	48.419	ng	
53)	3-Nitroaniline	14.789	138	72349	34.012	ng	99
54)	2,4-Dinitrophenol	15.000	184	86223	86.646	ng	94
55)	Dibenzofuran	15.282	168	415532	43.934	ng	99
56)	4-Nitrophenol	15.094	139	131862	86.669	ng	96
57)	2,4-Dinitrotoluene	15.241	165	110843	45.131	ng	94
58)	Fluorene	15.929	166	337057	42.829	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.506	232	83974	45.129	ng	97
60)	Diethylphthalate	15.676	149	386069	43.636	ng	98
61)	4-Chlorophenyl-phenyle...	15.911	204	172354	47.658	ng	97
62)	4-Nitroaniline	15.946	138	88188	39.451	ng	97
63)	Azobenzene	16.205	77	364638	42.305	ng	97
65)	4,6-Dinitro-2-methylph...	16.005	198	60341	46.927	ng	92
66)	n-Nitrosodiphenylamine	16.123	169	307134	47.176	ng	99
67)	4-Bromophenyl-phenylether	16.804	248	114120	50.219	ng	98
68)	Hexachlorobenzene	16.928	284	124854	48.592	ng	97
69)	Atrazine	17.057	200	119522	53.989	ng	99
70)	Pentachlorophenol	17.274	266	127602	87.656	ng	98
71)	Phenanthrene	17.668	178	548873	44.001	ng	100
72)	Anthracene	17.756	178	564420	46.284	ng	100
73)	Carbazole	18.020	167	524460	44.713	ng	100
74)	Di-n-butylphthalate	18.549	149	659980	45.013	ng	100
75)	Fluoranthene	19.654	202	624925	42.993	ng	99
77)	Benzidine	19.824	184	380282	77.680	ng	99
78)	Pyrene	20.012	202	632380	45.631	ng	99
80)	Butylbenzylphthalate	20.870	149	281010	42.910	ng	97
81)	Benzo(a)anthracene	21.881	228	585156	43.099	ng	99
82)	3,3'-Dichlorobenzidine	21.781	252	171876	38.869	ng	99
83)	Chrysene	21.951	228	546699	42.391	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.745	149	411816	44.020	ng	99
85)	Di-n-octyl phthalate	23.015	149	691042	44.339	ng	98
87)	Indeno(1,2,3-cd)pyrene	29.219	276	702289	44.067	ng	97
88)	Benzo(b)fluoranthene	24.219	252	623051	48.003	ng	98
89)	Benzo(k)fluoranthene	24.289	252	594890	45.390	ng	99
90)	Benzo(a)pyrene	25.147	252	544899	48.956	ng	99
91)	Dibenzo(a,h)anthracene	29.284	278	607936	46.484	ng	99
92)	Benzo(g,h,i)perylene	30.459	276	596999	46.022	ng	98

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

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