Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056536.D
Acq On : 3 Feb 2023 12:58
Operator : CG/JU
Sample : PB150626BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 05:10:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150626BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/06/2023
Supervised By :Jagrut Upadhyay
02/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.271	152	30028	20.000	ng		0.00
21) Naphthalene-d8	11.109	136	117455	20.000	ng	#	0.00
39) Acenaphthene-d10	14.898	164	100480	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	272654	20.000	ng	#	0.00
76) Chrysene-d12	21.925	240	261179	20.000	ng		0.00
86) Perylene-d12	25.345	264	276112	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	197460	120.968	ng		0.00
7) Phenol-d6	7.419	99	272375	112.618	ng		0.00
23) Nitrobenzene-d5	9.452	82	140949	68.143	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	140033	104.829	ng		0.00
45) 2-Fluorobiphenyl	13.518	172	476364	65.729	ng		0.00
79) Terphenyl-d14	20.210	244	989947	66.571	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	25534	37.567	ng	#	93
3) Pyridine	4.005	79	68493	33.805	ng		95
4) n-Nitrosodimethylamine	3.917	42	17767	41.235	ng	#	100
6) Aniline	7.583	93	107842	34.056	ng		95
8) 2-Chlorophenol	7.836	128	86982	48.507	ng		99
9) Benzaldehyde	7.395	77	51733	51.345	ng		94
10) Phenol	7.448	94	123162	50.103	ng		97
11) bis(2-Chloroethyl)ether	7.677	93	72990	43.199	ng		98
12) 1,3-Dichlorobenzene	8.159	146	91836	44.481	ng		94
13) 1,4-Dichlorobenzene	8.306	146	94523	45.207	ng		95
14) 1,2-Dichlorobenzene	8.629	146	91756	45.231	ng		99
15) Benzyl Alcohol	8.506	79	74808	45.081	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.788	45	14984	41.854	ng		90
17) 2-Methylphenol	8.711	107	83689	44.751	ng		95
18) Hexachloroethane	9.369	117	28715	45.406	ng		91
19) n-Nitroso-di-n-propyla...	9.076	70	56395	40.462	ng		96
20) 3+4-Methylphenols	9.040	107	117010	44.647	ng		99
22) Acetophenone	9.099	105	135674	43.474	ng	#	99
24) Nitrobenzene	9.493	77	89064	44.640	ng		94
25) Isophorone	10.010	82	176662	41.400	ng		99
26) 2-Nitrophenol	10.210	139	54003	44.612	ng		97
27) 2,4-Dimethylphenol	10.257	122	96773m	47.768	ng		
28) bis(2-Chloroethoxy)met...	10.486	93	100946	42.822	ng		98
29) 2,4-Dichlorophenol	10.750	162	109541	48.036	ng		96
30) 1,2,4-Trichlorobenzene	10.962	180	115481	45.571	ng		99
31) Naphthalene	11.156	128	268781	43.356	ng		99
32) Benzoic acid	10.409	122	47352m	41.777	ng		
33) 4-Chloroaniline	11.261	127	93521	32.318	ng		99
34) Hexachlorobutadiene	11.432	225	78899	44.356	ng		95
35) Caprolactam	12.031	113	35459m	46.106	ng		
36) 4-Chloro-3-methylphenol	12.366	107	104804	47.590	ng		96
37) 2-Methylnaphthalene	12.742	142	216092	42.281	ng		99
38) 1-Methylnaphthalene	12.959	142	198570	41.601	ng		95
40) 1,2,4,5-Tetrachloroben...	13.106	216	158530	43.186	ng		98
41) Hexachlorocyclopentadiene	13.077	237	155895	80.104	ng		97
43) 2,4,6-Trichlorophenol	13.341	196	106325	44.946	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.418	196	115293	41.627	ng		99
46)	1,1'-Biphenyl	13.729	154	314271	43.122	ng		98
47)	2-Chloronaphthalene	13.782	162	252215	44.275	ng		98
48)	2-Nitroaniline	13.982	65	52900	44.921	ng		96
49)	Acenaphthylene	14.622	152	400612	43.224	ng		99
50)	Dimethylphthalate	14.334	163	349169	42.953	ng		99
51)	2,6-Dinitrotoluene	14.463	165	78438	44.246	ng		97
52)	Acenaphthene	14.963	154	234532	42.672	ng		98
53)	3-Nitroaniline	14.798	138	56537	32.896	ng		99
54)	2,4-Dinitrophenol	15.010	184	104843	94.335	ng		96
55)	Dibenzofuran	15.292	168	426101	43.229	ng		99
56)	4-Nitrophenol	15.104	139	108909	92.740	ng		97
57)	2,4-Dinitrotoluene	15.251	165	113642	45.510	ng		99
58)	Fluorene	15.938	166	350870	44.736	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.515	232	116130	47.157	ng		98
60)	Diethylphthalate	15.686	149	335856	43.998	ng		99
61)	4-Chlorophenyl-phenyle...	15.915	204	210791	44.045	ng		97
62)	4-Nitroaniline	15.956	138	74110	43.094	ng		97
63)	Azobenzene	16.208	77	233817	44.516	ng		96
65)	4,6-Dinitro-2-methylph...	16.015	198	79187	41.310	ng		97
66)	n-Nitrosodiphenylamine	16.132	169	324649	42.055	ng		99
67)	4-Bromophenyl-phenylether	16.814	248	148922	42.666	ng		99
68)	Hexachlorobenzene	16.943	284	152341	44.562	ng		100
69)	Atrazine	17.066	200	143056	48.035	ng		99
70)	Pentachlorophenol	17.284	266	155891	75.362	ng		96
71)	Phenanthrene	17.677	178	614704	43.076	ng		99
72)	Anthracene	17.765	178	635820	43.404	ng		100
73)	Carbazole	18.036	167	553834	44.391	ng		99
74)	Di-n-butylphthalate	18.559	149	556089	42.450	ng		99
75)	Fluoranthene	19.669	202	770278	42.768	ng		99
77)	Benzidine	19.840	184	313849	44.405	ng		98
78)	Pyrene	20.033	202	784146	42.214	ng		99
80)	Butylbenzylphthalate	20.885	149	234901	41.406	ng		99
81)	Benzo(a)anthracene	21.902	228	780022	42.719	ng		100
82)	3,3'-Dichlorobenzidine	21.802	252	191627	29.143	ng		100
83)	Chrysene	21.978	228	722011	42.089	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.761	149	337675	41.516	ng		99
85)	Di-n-octyl phthalate	23.036	149	567174	41.873	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.299	276	914003	45.221	ng	#	90
88)	Benzo(b)fluoranthene	24.258	252	816790	47.659	ng		98
89)	Benzo(k)fluoranthene	24.328	252	784610	45.345	ng		99
90)	Benzo(a)pyrene	25.192	252	714778	42.340	ng		97
91)	Dibenzo(a,h)anthracene	29.352	278	770273	45.402	ng		99
92)	Benzo(g,h,i)perylene	30.545	276	744395	45.473	ng		99

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

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