Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053455.D
Acq On : 5 May 2022 17:57
Operator : CG/JU
Sample : N2677-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2,7MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 06 03:47:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	25350	20.000	ng		0.00
21) Naphthalene-d8	10.901	136	101344	20.000	ng		-0.01
39) Acenaphthene-d10	14.714	164	75805	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	190001	20.000	ng		0.00
76) Chrysene-d12	21.739	240	195243	20.000	ng		0.00
86) Perylene-d12	25.017	264	206355	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	175447	117.458	ng		-0.01
7) Phenol-d6	7.253	99	266429	117.530	ng		0.00
23) Nitrobenzene-d5	9.250	82	182027	76.458	ng		-0.01
42) 2,4,6-Tribromophenol	16.206	330	136148	121.774	ng		0.00
45) 2-Fluorobiphenyl	13.339	172	397166	76.561	ng		0.00
79) Terphenyl-d14	20.059	244	797060	76.033	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	31250	39.874	ng	#	89
3) Pyridine	3.934	79	73128	38.208	ng		99
4) n-Nitrosodimethylamine	3.846	42	45939	49.272	ng		98
6) Aniline	7.412	93	107267	42.723	ng		98
8) 2-Chlorophenol	7.658	128	83289	53.339	ng		99
9) Benzaldehyde	7.224	77	55108m	38.266	ng		
10) Phenol	7.282	94	114800	51.779	ng		97
11) bis(2-Chloroethyl)ether	7.500	93	77802	47.052	ng		95
12) 1,3-Dichlorobenzene	7.981	146	86949	47.200	ng		95
13) 1,4-Dichlorobenzene	8.128	146	88085	47.385	ng		97
14) 1,2-Dichlorobenzene	8.446	146	85981	49.256	ng		98
15) Benzyl Alcohol	8.328	79	93024m	49.083	ng		
16) 2,2'-oxybis(1-Chloropr...	8.616	45	125075	46.475	ng		97
17) 2-Methylphenol	8.534	107	76862	51.292	ng		96
18) Hexachloroethane	9.180	117	33551	47.528	ng		98
19) n-Nitroso-di-n-propyla...	8.892	70	73752	45.344	ng		97
20) 3+4-Methylphenols	8.863	107	104095	49.185	ng		96
22) Acetophenone	8.910	105	128738	46.415	ng	#	98
24) Nitrobenzene	9.297	77	114515	49.697	ng		100
25) Isophorone	9.820	82	208460	52.028	ng		98
26) 2-Nitrophenol	10.008	139	48442	51.906	ng		92
27) 2,4-Dimethylphenol	10.067	122	83729	59.615	ng		98
28) bis(2-Chloroethoxy)met...	10.296	93	111559	48.412	ng		98
29) 2,4-Dichlorophenol	10.554	162	89400	52.740	ng		96
30) 1,2,4-Trichlorobenzene	10.766	180	90954	47.226	ng		96
31) Naphthalene	10.954	128	249458	48.390	ng		97
32) Benzoic acid	10.237	122	39245m	45.285	ng		
33) 4-Chloroaniline	11.060	127	58982	27.320	ng		97
34) Hexachlorobutadiene	11.236	225	67765	47.450	ng		95
35) Caprolactam	11.829	113	30326m	49.231	ng		
36) 4-Chloro-3-methylphenol	12.176	107	103050	50.823	ng		98
37) 2-Methylnaphthalene	12.552	142	184739	48.020	ng		96
38) 1-Methylnaphthalene	12.769	142	174740	46.554	ng		98
40) 1,2,4,5-Tetrachloroben...	12.922	216	118609	49.638	ng		99
41) Hexachlorocyclopentadiene	12.898	237	121172	119.583	ng		97
43) 2,4,6-Trichlorophenol	13.157	196	82238	52.726	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.233	196	90001	54.217	ng		99
46)	1,1'-Biphenyl	13.550	154	258650	50.057	ng		96
47)	2-Chloronaphthalene	13.597	162	198798	49.106	ng		98
48)	2-Nitroaniline	13.791	65	81002	53.697	ng		94
49)	Acenaphthylene	14.437	152	344518	53.330	ng		100
50)	Dimethylphthalate	14.161	163	284287	49.351	ng		100
51)	2,6-Dinitrotoluene	14.285	165	61454	52.364	ng		96
52)	Acenaphthene	14.778	154	189903	49.327	ng		98
53)	3-Nitroaniline	14.620	138	44088	34.768	ng		98
54)	2,4-Dinitrophenol	14.831	184	73049	96.648	ng		96
55)	Dibenzofuran	15.113	168	330901	47.852	ng		97
56)	4-Nitrophenol	14.931	139	99975	110.383	ng		92
57)	2,4-Dinitrotoluene	15.078	165	88829	52.218	ng		94
58)	Fluorene	15.759	166	271962	49.008	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.342	232	83729	49.712	ng		98
60)	Diethylphthalate	15.518	149	291057	48.914	ng		98
61)	4-Chlorophenyl-phenyle...	15.747	204	151219	48.834	ng		97
62)	4-Nitroaniline	15.783	138	64711	49.201	ng		97
63)	Azobenzene	16.041	77	297700	48.858	ng		99
65)	4,6-Dinitro-2-methylph...	15.841	198	55511	49.031	ng		97
66)	n-Nitrosodiphenylamine	15.965	169	248350	49.784	ng		98
67)	4-Bromophenyl-phenylether	16.640	248	108770	49.018	ng		96
68)	Hexachlorobenzene	16.770	284	119766	49.282	ng		99
69)	Atrazine	16.905	200	111618	53.149	ng		99
70)	Pentachlorophenol	17.116	266	126703	95.835	ng		94
71)	Phenanthrene	17.504	178	482413	49.933	ng		98
72)	Anthracene	17.592	178	489007	51.495	ng		99
73)	Carbazole	17.862	167	450218	48.375	ng		99
74)	Di-n-butylphthalate	18.409	149	529464	50.584	ng		99
75)	Fluoranthene	19.507	202	622768	49.784	ng		99
77)	Benzidine	19.683	184	345685	82.145	ng		99
78)	Pyrene	19.871	202	620930	49.128	ng		100
80)	Butylbenzylphthalate	20.747	149	235627	50.840	ng		99
81)	Benzo(a)anthracene	21.722	228	622102	49.956	ng		99
82)	3,3'-Dichlorobenzidine	21.628	252	121707	38.540	ng		95
83)	Chrysene	21.786	228	559922	48.142	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.610	149	326601	51.056	ng		98
85)	Di-n-octyl phthalate	22.838	149	562066	51.961	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.783	276	702023	48.846	ng	#	95
88)	Benzo(b)fluoranthene	23.977	252	657452	53.826	ng		99
89)	Benzo(k)fluoranthene	24.048	252	605251	50.426	ng		98
90)	Benzo(a)pyrene	24.864	252	621164	59.748	ng	#	98
91)	Dibenzo(a,h)anthracene	28.836	278	597943	50.491	ng		97
92)	Benzo(g,h,i)perylene	29.963	276	599289	51.051	ng		98

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

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