Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
Data File : BG052785.D
Acq On : 22 Mar 2022 14:39
Operator : CG/JU
Sample : N1974-13MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 16:39:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.145	152	44241	20.000	ng		-0.01
21) Naphthalene-d8	10.959	136	180989	20.000	ng		#-0.01
39) Acenaphthene-d10	14.766	164	130275	20.000	ng		0.00
64) Phenanthrene-d10	17.509	188	324890	20.000	ng		0.00
76) Chrysene-d12	21.798	240	319775	20.000	ng		-0.02
86) Perylene-d12	25.111	264	333495	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.708	112	315031	124.009	ng		0.00
7) Phenol-d6	7.294	99	444103	115.957	ng		0.00
23) Nitrobenzene-d5	9.309	82	351450	97.461	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	251473	143.654	ng		0.00
45) 2-Fluorobiphenyl	13.391	172	763860	86.477	ng		-0.02
79) Terphenyl-d14	20.112	244	1499964	83.440	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	46411	36.522	ng	#	90
3) Pyridine	3.986	79	95863	29.428	ng		95
4) n-Nitrosodimethylamine	3.892	42	63052	43.632	ng		87
6) Aniline	7.464	93	170810	38.036	ng		95
8) 2-Chlorophenol	7.705	128	129575	48.543	ng		92
9) Benzaldehyde	7.270	77	98373	49.357	ng		94
10) Phenol	7.323	94	162614	43.013	ng		96
11) bis(2-Chloroethyl)ether	7.552	93	128638	45.056	ng		94
12) 1,3-Dichlorobenzene	8.034	146	140771	43.800	ng		98
13) 1,4-Dichlorobenzene	8.181	146	143286	44.373	ng		99
14) 1,2-Dichlorobenzene	8.504	146	140186	45.903	ng		98
15) Benzyl Alcohol	8.375	79	145331	45.067	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.674	45	200166	40.259	ng		99
17) 2-Methylphenol	8.580	107	119972	47.602	ng		98
18) Hexachloroethane	9.238	117	51711	43.647	ng		98
19) n-Nitroso-di-n-propyla...	8.950	70	123020	45.353	ng		98
20) 3+4-Methylphenols	8.903	107	160475	45.498	ng		97
22) Acetophenone	8.962	105	209813	44.796	ng	#	99
24) Nitrobenzene	9.350	77	181463	50.293	ng		93
25) Isophorone	9.873	82	341522	48.912	ng		97
26) 2-Nitrophenol	10.061	139	71019	56.680	ng		94
27) 2,4-Dimethylphenol	10.113	122	130059	50.737	ng		91
28) bis(2-Chloroethoxy)met...	10.348	93	183970	44.559	ng		99
29) 2,4-Dichlorophenol	10.601	162	139554	48.382	ng		97
30) 1,2,4-Trichlorobenzene	10.818	180	148157	43.541	ng		97
31) Naphthalene	11.012	128	414669	44.306	ng		100
32) Benzoic acid	10.155	122	4475m	7.746	ng		
33) 4-Chloroaniline	11.106	127	101875	25.682	ng		98
34) Hexachlorobutadiene	11.300	225	102464	42.000	ng		98
35) Caprolactam	11.876	113	41869	53.160	ng	#	85
36) 4-Chloro-3-methylphenol	12.216	107	160526	47.925	ng		95
37) 2-Methylnaphthalene	12.604	142	297281	43.373	ng		95
38) 1-Methylnaphthalene	12.822	142	287825	43.027	ng		95
40) 1,2,4,5-Tetrachloroben...	12.968	216	178201	43.783	ng		99
41) Hexachlorocyclopentadiene	12.957	237	197381	81.815	ng		96
43) 2,4,6-Trichlorophenol	13.197	196	130948	50.240	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.274	196	139646	52.785	ng		98
46)	1,1'-Biphenyl	13.603	154	406190	44.584	ng		98
47)	2-Chloronaphthalene	13.650	162	321901	44.866	ng		98
48)	2-Nitroaniline	13.838	65	124710	63.556	ng		94
49)	Acenaphthylene	14.490	152	549464	48.042	ng		99
50)	Dimethylphthalate	14.214	163	456855	47.185	ng		100
51)	2,6-Dinitrotoluene	14.325	165	97090	59.393	ng		91
52)	Acenaphthene	14.831	154	309430	42.231	ng		96
53)	3-Nitroaniline	14.654	138	88436	46.232	ng	#	88
54)	2,4-Dinitrophenol	14.854	184	2575	2.890	ng	#	1
55)	Dibenzofuran	15.165	168	523283	43.732	ng		99
56)	4-Nitrophenol	14.954	139	135190	86.640	ng		85
57)	2,4-Dinitrotoluene	15.113	165	132675	58.494	ng		92
58)	Fluorene	15.812	166	434207	44.517	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.383	232	134810	47.674	ng		99
60)	Diethylphthalate	15.571	149	473679	46.347	ng		99
61)	4-Chlorophenyl-phenyle...	15.800	204	236304	43.930	ng		95
62)	4-Nitroaniline	15.817	138	108906	53.881	ng		89
63)	Azobenzene	16.094	77	472670	43.270	ng		98
65)	4,6-Dinitro-2-methylph...	15.876	198	5104	3.524	ng	#	72
66)	n-Nitrosodiphenylamine	16.011	169	396892	43.392	ng		97
67)	4-Bromophenyl-phenylether	16.693	248	166546	42.519	ng		96
68)	Hexachlorobenzene	16.822	284	185475	44.054	ng		95
69)	Atrazine	16.957	200	170028	50.413	ng		99
70)	Pentachlorophenol	17.157	266	93473	35.786	ng		92
71)	Phenanthrene	17.550	178	763812	43.946	ng		98
72)	Anthracene	17.644	178	775758	45.150	ng		99
73)	Carbazole	17.909	167	721737	42.413	ng		98
74)	Di-n-butylphthalate	18.461	149	840856	45.232	ng		97
75)	Fluoranthene	19.559	202	966996	43.830	ng		98
77)	Benzidine	19.724	184	461519	55.958	ng		98
78)	Pyrene	19.918	202	967146	43.601	ng		100
80)	Butylbenzylphthalate	20.799	149	365711	46.478	ng		99
81)	Benzo(a)anthracene	21.780	228	940578	43.926	ng		98
82)	3,3'-Dichlorobenzidine	21.686	252	266174	35.201	ng		98
83)	Chrysene	21.845	228	855084	42.478	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.680	149	510109	47.671	ng		100
85)	Di-n-octyl phthalate	22.925	149	858607	48.198	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.917	276	1019079	44.644	ng	#	96
88)	Benzo(b)fluoranthene	24.065	252	959171	46.321	ng		99
89)	Benzo(k)fluoranthene	24.136	252	930191	45.658	ng		97
90)	Benzo(a)pyrene	24.964	252	924606	52.751	ng		98
91)	Dibenzo(a,h)anthracene	28.982	278	881989	46.892	ng		98
92)	Benzo(g,h,i)perylene	30.110	276	866660	46.568	ng		96

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

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