Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
Data File : BG055652.D
Acq On : 16 Nov 2022 18:19
Operator : CG/JU
Sample : N5607-13MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-40BMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Quant Time: Nov 17 02:12:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.252	152	40524	20.000	ng		0.00
21) Naphthalene-d8	11.084	136	174513	20.000	ng		0.00
39) Acenaphthene-d10	14.874	164	130512	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	291894	20.000	ng		0.00
76) Chrysene-d12	21.919	240	282166	20.000	ng		0.00
86) Perylene-d12	25.326	264	303285	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.779	112	290289	129.479	ng		0.00
7) Phenol-d6	7.394	99	390451	130.830	ng		0.00
23) Nitrobenzene-d5	9.427	82	232488	70.414	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	206731	112.490	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	602204	69.126	ng		0.00
79) Terphenyl-d14	20.203	244	991354	70.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.616	88	39692	41.427	ng		97
3) Pyridine	4.028	79	109099m	37.118	ng		
4) n-Nitrosodimethylamine	3.934	42	67351	43.281	ng		98
6) Aniline	7.565	93	84649	22.582	ng		97
8) 2-Chlorophenol	7.812	128	132175	51.571	ng		97
9) Benzaldehyde	7.377	77	75615	37.307	ng		98
10) Phenol	7.418	94	172779	51.705	ng		98
11) bis(2-Chloroethyl)ether	7.659	93	116765	45.596	ng		99
12) 1,3-Dichlorobenzene	8.141	146	135074	44.826	ng		97
13) 1,4-Dichlorobenzene	8.287	146	135568	44.522	ng		99
14) 1,2-Dichlorobenzene	8.611	146	133630	45.797	ng		99
15) Benzyl Alcohol	8.487	79	122763m	50.614	ng		
16) 2,2'-oxybis(1-Chloropr...	8.781	45	210219	45.346	ng		97
17) 2-Methylphenol	8.687	107	122227	51.520	ng		99
18) Hexachloroethane	9.351	117	47126	44.966	ng		98
19) n-Nitroso-di-n-propyla...	9.057	70	104320	45.494	ng		97
20) 3+4-Methylphenols	9.016	107	168539	50.855	ng		96
22) Acetophenone	9.081	105	198279	43.725	ng	#	98
24) Nitrobenzene	9.468	77	149775	43.429	ng		99
25) Isophorone	9.991	82	290676	46.464	ng		99
26) 2-Nitrophenol	10.185	139	75346	47.326	ng		98
27) 2,4-Dimethylphenol	10.232	122	139152	57.429	ng		99
28) bis(2-Chloroethoxy)met...	10.467	93	166316	49.521	ng		98
29) 2,4-Dichlorophenol	10.720	162	142994	49.305	ng		98
30) 1,2,4-Trichlorobenzene	10.943	180	143722	42.655	ng		99
31) Naphthalene	11.137	128	406249	43.063	ng		99
32) Benzoic acid	10.361	122	103190	51.763	ng		96
33) 4-Chloroaniline	11.231	127	70520	18.121	ng		99
34) Hexachlorobutadiene	11.413	225	94259	40.969	ng		97
35) Caprolactam	12.007	113	47732m	47.560	ng		
36) 4-Chloro-3-methylphenol	12.336	107	158752	49.803	ng		99
37) 2-Methylnaphthalene	12.723	142	310099	43.901	ng		99
38) 1-Methylnaphthalene	12.941	142	294937	43.011	ng		99
40) 1,2,4,5-Tetrachloroben...	13.082	216	177151	43.193	ng		98
41) Hexachlorocyclopentadiene	13.058	237	226302	109.477	ng		99
43) 2,4,6-Trichlorophenol	13.317	196	129044	46.125	ng		98

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44) 2,4,5-Trichlorophenol	13.387	196	139778	45.464	ng		98
46) 1,1'-Biphenyl	13.711	154	428432	45.048	ng		99
47) 2-Chloronaphthalene	13.763	162	322112	43.574	ng		99
48) 2-Nitroaniline	13.957	65	109985	45.254	ng		98
49) Acenaphthylene	14.604	152	534059	43.872	ng		99
50) Dimethylphthalate	14.322	163	439521	42.246	ng		99
51) 2,6-Dinitrotoluene	14.439	165	95970	45.114	ng		96
52) Acenaphthene	14.938	154	385853m	48.499	ng		
53) 3-Nitroaniline	14.768	138	45602	19.528	ng		97
54) 2,4-Dinitrophenol	14.974	184	119540	97.736	ng		99
55) Dibenzofuran	15.273	168	528923	43.095	ng		100
56) 4-Nitrophenol	15.068	139	163479	89.196	ng		96
57) 2,4-Dinitrotoluene	15.226	165	133138	44.391	ng		97
58) Fluorene	15.920	166	415669	42.404	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	127691	42.863	ng		99
60) Diethylphthalate	15.673	149	437487	41.592	ng		100
61) 4-Chlorophenyl-phenyle...	15.902	204	232839	43.211	ng		99
62) 4-Nitroaniline	15.931	138	95885	39.279	ng		98
63) Azobenzene	16.196	77	388560	42.312	ng		99
65) 4,6-Dinitro-2-methylph...	15.984	198	77078	47.290	ng		98
66) n-Nitrosodiphenylamine	16.114	169	371641	46.199	ng		99
67) 4-Bromophenyl-phenylether	16.795	248	153017	46.009	ng		99
68) Hexachlorobenzene	16.919	284	166760	45.220	ng		99
69) Atrazine	17.054	200	150287	47.238	ng		99
70) Pentachlorophenol	17.259	266	211513	93.759	ng		98
71) Phenanthrene	17.659	178	677871	43.034	ng		100
72) Anthracene	17.753	178	687423	44.916	ng		99
73) Carbazole	18.011	167	613803	44.611	ng		98
74) Di-n-butylphthalate	18.558	149	734444	42.989	ng		100
75) Fluoranthene	19.657	202	783244	40.872	ng		99
77) Benzidine	19.827	184	198724	30.443	ng		98
78) Pyrene	20.015	202	807255	42.266	ng		99
80) Butylbenzylphthalate	20.884	149	334458	44.732	ng		100
81) Benzo(a)anthracene	21.895	228	833143	42.869	ng		99
82) 3,3'-Dichlorobenzidine	21.795	252	139430	20.417	ng		99
83) Chrysene	21.966	228	783214	42.333	ng		99
84) Bis(2-ethylhexyl)phtha...	21.778	149	483308	44.978	ng		99
85) Di-n-octyl phthalate	23.053	149	828569	45.058	ng		100
87) Indeno(1,2,3-cd)pyrene	29.263	276	1012170	40.738	ng	#	94
88) Benzo(b)fluoranthene	24.239	252	886369	44.876	ng		99
89) Benzo(k)fluoranthene	24.310	252	851769	43.262	ng		99
90) Benzo(a)pyrene	25.162	252	781052	46.081	ng		99
91) Dibenzo(a,h)anthracene	29.328	278	854898	42.106	ng		99
92) Benzo(g,h,i)perylene	30.497	276	839060	41.003	ng		98

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

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