Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055888.D
Acq On : 5 Dec 2022 17:08
Operator : CG/JU
Sample : N5870-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 04:47:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ML-4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.172	152	27152	20.000	ng		0.00
21) Naphthalene-d8	11.004	136	126539	20.000	ng		0.00
39) Acenaphthene-d10	14.805	164	101833	20.000	ng		0.00
64) Phenanthrene-d10	17.543	188	240712	20.000	ng		0.00
76) Chrysene-d12	21.832	240	228707	20.000	ng		0.00
86) Perylene-d12	25.181	264	243236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.704	112	195863	130.387	ng		0.00
7) Phenol-d6	7.332	99	269697	134.874	ng		0.00
23) Nitrobenzene-d5	9.347	82	166578	69.579	ng		0.00
42) 2,4,6-Tribromophenol	16.292	330	153211	106.846	ng		0.00
45) 2-Fluorobiphenyl	13.424	172	428955	63.106	ng		0.00
79) Terphenyl-d14	20.134	244	754708	66.002	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	22971	35.783	ng	#	85
3) Pyridine	3.930	79	66766	33.902	ng		90
4) n-Nitrosodimethylamine	3.841	42	48218	46.245	ng	#	96
6) Aniline	7.490	93	78213	31.141	ng		97
8) 2-Chlorophenol	7.737	128	85027	49.514	ng		97
9) Benzaldehyde	7.302	77	39602m	29.162	ng		
10) Phenol	7.361	94	113304	50.605	ng		97
11) bis(2-Chloroethyl)ether	7.578	93	74172	43.228	ng		99
12) 1,3-Dichlorobenzene	8.060	146	82833	41.027	ng		97
13) 1,4-Dichlorobenzene	8.207	146	84499	41.417	ng		99
14) 1,2-Dichlorobenzene	8.530	146	82516	42.207	ng		98
15) Benzyl Alcohol	8.413	79	83020m	51.085	ng		
16) 2,2'-oxybis(1-Chloropr...	8.695	45	147044	47.339	ng		97
17) 2-Methylphenol	8.618	107	79622	50.090	ng		99
18) Hexachloroethane	9.265	117	28870	41.113	ng		99
19) n-Nitroso-di-n-propyla...	8.977	70	69876	45.481	ng		94
20) 3+4-Methylphenols	8.947	107	111509	50.217	ng		100
22) Acetophenone	9.000	105	132565	40.316	ng	#	94
24) Nitrobenzene	9.388	77	101325	40.519	ng		98
25) Isophorone	9.911	82	198726	43.809	ng		98
26) 2-Nitrophenol	10.105	139	49950	43.269	ng		89
27) 2,4-Dimethylphenol	10.158	122	94453m	53.760	ng		
28) bis(2-Chloroethoxy)met...	10.387	93	112109	46.036	ng		99
29) 2,4-Dichlorophenol	10.651	162	96375	45.829	ng		99
30) 1,2,4-Trichlorobenzene	10.863	180	92266	37.766	ng		97
31) Naphthalene	11.051	128	268221	39.211	ng		99
32) Benzoic acid	10.322	122	50536	34.961	ng		98
33) 4-Chloroaniline	11.156	127	51438	18.229	ng		98
34) Hexachlorobutadiene	11.327	225	58897	35.305	ng		99
35) Caprolactam	11.944	113	33820m	46.474	ng		
36) 4-Chloro-3-methylphenol	12.279	107	111616	48.291	ng		99
37) 2-Methylnaphthalene	12.643	142	208997	40.806	ng		98
38) 1-Methylnaphthalene	12.860	142	199758	40.175	ng		99
40) 1,2,4,5-Tetrachloroben...	13.007	216	120828	37.757	ng		99
41) Hexachlorocyclopentadiene	12.984	237	84613	52.461	ng		98
43) 2,4,6-Trichlorophenol	13.248	196	87407	40.041	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.330	196	92780	38.676	ng		96
46)	1,1'-Biphenyl	13.642	154	293849	39.598	ng		99
47)	2-Chloronaphthalene	13.689	162	223694	38.783	ng		99
48)	2-Nitroaniline	13.889	65	81673	43.069	ng		97
49)	Acenaphthylene	14.529	152	381837	40.202	ng		99
50)	Dimethylphthalate	14.247	163	318631	39.251	ng		99
51)	2,6-Dinitrotoluene	14.376	165	67851	40.879	ng		92
52)	Acenaphthene	14.870	154	266390m	42.913	ng		
53)	3-Nitroaniline	14.711	138	38521	21.141	ng		97
54)	2,4-Dinitrophenol	14.929	184	71249	74.659	ng		96
55)	Dibenzofuran	15.199	168	377145	39.383	ng		98
56)	4-Nitrophenol	15.028	139	101408	70.912	ng		93
57)	2,4-Dinitrotoluene	15.169	165	97464	41.648	ng		99
58)	Fluorene	15.851	166	303984	39.744	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.428	232	85532	36.797	ng		99
60)	Diethylphthalate	15.598	149	320287	39.025	ng		99
61)	4-Chlorophenyl-phenyle...	15.827	204	168318	40.034	ng		97
62)	4-Nitroaniline	15.874	138	71443	37.509	ng		93
63)	Azobenzene	16.127	77	298315	41.634	ng		98
65)	4,6-Dinitro-2-methylph...	15.933	198	55293	41.137	ng		98
66)	n-Nitrosodiphenylamine	16.045	169	274706	41.410	ng		99
67)	4-Bromophenyl-phenylether	16.726	248	110007	40.110	ng		100
68)	Hexachlorobenzene	16.850	284	120598	39.656	ng		99
69)	Atrazine	16.985	200	113153	43.128	ng		99
70)	Pentachlorophenol	17.202	266	111294	59.824	ng		98
71)	Phenanthrene	17.590	178	510081	39.268	ng		99
72)	Anthracene	17.678	178	522108	41.368	ng		99
73)	Carbazole	17.948	167	460874	40.619	ng		99
74)	Di-n-butylphthalate	18.477	149	557973	39.604	ng		99
75)	Fluoranthene	19.588	202	599376	37.928	ng		99
77)	Benzidine	19.758	184	235508	44.511	ng		98
78)	Pyrene	19.952	202	609060	39.343	ng		99
80)	Butylbenzylphthalate	20.810	149	248654	41.030	ng		100
81)	Benzo(a)anthracene	21.809	228	613079	38.920	ng		99
82)	3,3'-Dichlorobenzidine	21.715	252	101242	18.291	ng		99
83)	Chrysene	21.879	228	576114	38.417	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.674	149	355431	40.809	ng		99
85)	Di-n-octyl phthalate	22.919	149	603554	40.493	ng		97
87)	Indeno(1,2,3-cd)pyrene	29.047	276	719942	36.130	ng	#	94
88)	Benzo(b)fluoranthene	24.112	252	647601	40.882	ng		100
89)	Benzo(k)fluoranthene	24.182	252	619097	39.208	ng		100
90)	Benzo(a)pyrene	25.028	252	568408	41.815	ng		99
91)	Dibenzo(a,h)anthracene	29.100	278	609532	37.433	ng		99
92)	Benzo(g,h,i)perylene	30.258	276	603862	36.794	ng		99

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

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