Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055662.D
Acq On : 17 Nov 2022 12:11
Operator : CG/JU
Sample : PB148956BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 18 03:12:46 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

Instrument :
BNA_G
ClientSampleId :
PB148956BSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.252	152	32381	20.000	ng		0.00
21) Naphthalene-d8	11.084	136	144544	20.000	ng		0.00
39) Acenaphthene-d10	14.873	164	111218	20.000	ng		0.00
64) Phenanthrene-d10	17.617	188	282085	20.000	ng		0.00
76) Chrysene-d12	21.918	240	272775	20.000	ng		0.00
86) Perylene-d12	25.332	264	290207	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.778	112	283197	158.082	ng		0.00
7) Phenol-d6	7.394	99	374241	156.933	ng		0.00
23) Nitrobenzene-d5	9.427	82	227588	83.221	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	228061	145.624	ng		0.00
45) 2-Fluorobiphenyl	13.504	172	595278	80.185	ng		0.00
79) Terphenyl-d14	20.202	244	1193892	87.542	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.610	88	27240	35.580	ng		98
3) Pyridine	4.021	79	75533	32.160	ng		99
4) n-Nitrosodimethylamine	3.933	42	52180	41.964	ng		98
6) Aniline	7.564	93	81202	27.110	ng		98
8) 2-Chlorophenol	7.811	128	101282	49.455	ng		99
9) Benzaldehyde	7.376	77	24142	14.907	ng		98
10) Phenol	7.417	94	131673	49.313	ng		96
11) bis(2-Chloroethyl)ether	7.658	93	88079	43.043	ng		96
12) 1,3-Dichlorobenzene	8.140	146	103138	42.835	ng		98
13) 1,4-Dichlorobenzene	8.287	146	103620	42.588	ng		97
14) 1,2-Dichlorobenzene	8.610	146	102941	44.151	ng		96
15) Benzyl Alcohol	8.487	79	95724m	49.391	ng		
16) 2,2'-oxybis(1-Chloropr...	8.775	45	164447	44.393	ng		99
17) 2-Methylphenol	8.687	107	94614	49.909	ng		99
18) Hexachloroethane	9.351	117	36049	43.047	ng		96
19) n-Nitroso-di-n-propyla...	9.057	70	81737	44.610	ng		99
20) 3+4-Methylphenols	9.016	107	129399	48.864	ng		96
22) Acetophenone	9.080	105	156412	41.644	ng	#	97
24) Nitrobenzene	9.468	77	116554	40.803	ng		98
25) Isophorone	9.991	82	227396	43.885	ng		99
26) 2-Nitrophenol	10.185	139	59365	45.019	ng		94
27) 2,4-Dimethylphenol	10.232	122	106047	52.840	ng		98
28) bis(2-Chloroethoxy)met...	10.467	93	127374	45.789	ng		99
29) 2,4-Dichlorophenol	10.719	162	111199	46.292	ng		99
30) 1,2,4-Trichlorobenzene	10.937	180	111841	40.076	ng		98
31) Naphthalene	11.131	128	313228	40.086	ng		99
32) Benzoic acid	10.361	122	75378	45.651	ng		93
33) 4-Chloroaniline	11.231	127	70224	21.786	ng		98
34) Hexachlorobutadiene	11.413	225	74965	39.339	ng		95
35) Caprolactam	12.000	113	39253m	47.221	ng		
36) 4-Chloro-3-methylphenol	12.335	107	125667	47.598	ng		99
37) 2-Methylnaphthalene	12.723	142	239744	40.978	ng		99
38) 1-Methylnaphthalene	12.935	142	229519	40.411	ng		99
40) 1,2,4,5-Tetrachloroben...	13.081	216	139688	39.967	ng		98
41) Hexachlorocyclopentadiene	13.058	237	181337	102.943	ng		100
43) 2,4,6-Trichlorophenol	13.311	196	102868	43.147	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	116651	44.523	ng	98
46) 1,1'-Biphenyl	13.710	154	336323	41.498	ng	99
47) 2-Chloronaphthalene	13.757	162	253534	40.247	ng	99
48) 2-Nitroaniline	13.951	65	90934	43.906	ng	99
49) Acenaphthylene	14.603	152	432605	41.703	ng	99
50) Dimethylphthalate	14.315	163	375418	42.344	ng	99
51) 2,6-Dinitrotoluene	14.439	165	80516	44.415	ng	98
52) Acenaphthene	14.938	154	320020m	47.203	ng	
53) 3-Nitroaniline	14.768	138	46206	23.219	ng	96
54) 2,4-Dinitrophenol	14.979	184	104418	100.182	ng	98
55) Dibenzofuran	15.273	168	435423	41.632	ng	98
56) 4-Nitrophenol	15.067	139	145898	93.413	ng	95
57) 2,4-Dinitrotoluene	15.226	165	116920	45.746	ng	97
58) Fluorene	15.919	166	349549	41.845	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.490	232	112849	44.452	ng	99
60) Diethylphthalate	15.672	149	382284	42.648	ng	100
61) 4-Chlorophenyl-phenyle...	15.902	204	193484	42.136	ng	97
62) 4-Nitroaniline	15.931	138	86562	41.612	ng	94
63) Azobenzene	16.195	77	327206	41.812	ng	99
65) 4,6-Dinitro-2-methylph...	15.990	198	70616	44.832	ng	96
66) n-Nitrosodiphenylamine	16.119	169	323392	41.599	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	133685	41.594	ng	99
68) Hexachlorobenzene	16.918	284	147232	41.313	ng	99
69) Atrazine	17.053	200	128224	41.705	ng	98
70) Pentachlorophenol	17.259	266	193676	88.838	ng	97
71) Phenanthrene	17.658	178	615355	40.424	ng	99
72) Anthracene	17.752	178	621179	41.999	ng	100
73) Carbazole	18.017	167	564304	42.440	ng	99
74) Di-n-butylphthalate	18.551	149	682842	41.359	ng	99
75) Fluoranthene	19.656	202	742975	40.119	ng	100
77) Benzidine	19.826	184	215519	34.152	ng	99
78) Pyrene	20.020	202	753948	40.834	ng	100
80) Butylbenzylphthalate	20.884	149	300956	41.637	ng	100
81) Benzo(a)anthracene	21.895	228	762014	40.559	ng	99
82) 3,3'-Dichlorobenzidine	21.801	252	227608	34.477	ng	99
83) Chrysene	21.965	228	717956	40.141	ng	99
84) Bis(2-ethylhexyl)phtha...	21.771	149	438682	42.230	ng	98
85) Di-n-octyl phthalate	23.052	149	747561	42.052	ng	99
87) Indeno(1,2,3-cd)pyrene	29.262	276	915680	38.515	ng	99
88) Benzo(b)fluoranthene	24.239	252	802327	42.452	ng	99
89) Benzo(k)fluoranthene	24.315	252	797100	42.310	ng	99
90) Benzo(a)pyrene	25.173	252	716621	44.185	ng	100
91) Dibenzo(a,h)anthracene	29.339	278	776600	39.973	ng	99
92) Benzo(g,h,i)perylene	30.502	276	761064	38.867	ng	99

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

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