Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055800.D
Acq On : 28 Nov 2022 11:20
Operator : CG/JU
Sample : PB149283BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 29 02:05:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149283BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	37459	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	156504	20.000	ng	0.00
39) Acenaphthene-d10	14.858	164	120005	20.000	ng	0.00
64) Phenanthrene-d10	17.596	188	298431	20.000	ng	0.00
76) Chrysene-d12	21.897	240	291071	20.000	ng	0.00
86) Perylene-d12	25.287	264	304678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.763	112	314438	151.727	ng	0.00
7) Phenol-d6	7.384	99	408550	148.095	ng	0.00
23) Nitrobenzene-d5	9.405	82	250244	84.513	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	237033	140.271	ng	0.00
45) 2-Fluorobiphenyl	13.483	172	644669	80.480	ng	0.00
79) Terphenyl-d14	20.181	244	1267147	87.073	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.589	88	31268	35.305	ng	94
3) Pyridine	4.000	79	91431	33.652	ng	98
4) n-Nitrosodimethylamine	3.912	42	60324	41.937	ng	94
6) Aniline	7.543	93	117882	34.020	ng	98
8) 2-Chlorophenol	7.795	128	117052	49.407	ng	100
9) Benzaldehyde	7.355	77	64415m	34.382	ng	
10) Phenol	7.408	94	151133	48.928	ng	99
11) bis(2-Chloroethyl)ether	7.637	93	102612	43.348	ng	97
12) 1,3-Dichlorobenzene	8.119	146	118760	42.636	ng	98
13) 1,4-Dichlorobenzene	8.265	146	122164	43.403	ng	99
14) 1,2-Dichlorobenzene	8.589	146	118535	43.948	ng	97
15) Benzyl Alcohol	8.465	79	101661m	45.343	ng	
16) 2,2'-oxybis(1-Chloropr...	8.753	45	188819	44.062	ng	99
17) 2-Methylphenol	8.671	107	106207	48.430	ng	97
18) Hexachloroethane	9.323	117	42369	43.735	ng	93
19) n-Nitroso-di-n-propyla...	9.035	70	91243	43.047	ng	99
20) 3+4-Methylphenols	9.000	107	146720	47.894	ng	98
22) Acetophenone	9.059	105	176205	43.328	ng	98
24) Nitrobenzene	9.446	77	133696	43.227	ng	100
25) Isophorone	9.969	82	257832	45.957	ng	99
26) 2-Nitrophenol	10.163	139	67552	47.313	ng	97
27) 2,4-Dimethylphenol	10.210	122	118425m	54.498	ng	
28) bis(2-Chloroethoxy)met...	10.445	93	147768	49.061	ng	100
29) 2,4-Dichlorophenol	10.704	162	123960	47.660	ng	98
30) 1,2,4-Trichlorobenzene	10.921	180	125669	41.589	ng	99
31) Naphthalene	11.109	128	358924	42.424	ng	99
32) Benzoic acid	10.357	122	67484	37.747	ng	97
33) 4-Chloroaniline	11.221	127	71957	20.618	ng	97
34) Hexachlorobutadiene	11.385	225	82739	40.100	ng	97
35) Caprolactam	11.985	113	45682m	50.755	ng	
36) 4-Chloro-3-methylphenol	12.325	107	142140	49.723	ng	99
37) 2-Methylnaphthalene	12.701	142	274947	43.404	ng	99
38) 1-Methylnaphthalene	12.919	142	259773	42.242	ng	99
40) 1,2,4,5-Tetrachloroben...	13.066	216	156100	41.393	ng	99
41) Hexachlorocyclopentadiene	13.036	237	178713	94.024	ng	99
43) 2,4,6-Trichlorophenol	13.301	196	111366	43.291	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.377	196	124899	44.181	ng		98
46) 1,1'-Biphenyl	13.694	154	376455	43.048	ng		99
47) 2-Chloronaphthalene	13.741	162	289672	42.617	ng		99
48) 2-Nitroaniline	13.941	65	101461	45.402	ng		93
49) Acenaphthylene	14.582	152	485337	43.361	ng		99
50) Dimethylphthalate	14.300	163	419759	43.879	ng		100
51) 2,6-Dinitrotoluene	14.423	165	90794	46.418	ng		97
52) Acenaphthene	14.922	154	358207m	48.967	ng		
53) 3-Nitroaniline	14.758	138	52581	24.488	ng		97
54) 2,4-Dinitrophenol	14.969	184	115753	102.926	ng		98
55) Dibenzofuran	15.251	168	484179	42.904	ng		99
56) 4-Nitrophenol	15.069	139	156707	92.987	ng		100
57) 2,4-Dinitrotoluene	15.210	165	132354	47.993	ng		99
58) Fluorene	15.898	166	391492	43.434	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.475	232	119499	43.625	ng		98
60) Diethylphthalate	15.651	149	434190	44.892	ng		100
61) 4-Chlorophenyl-phenyle...	15.880	204	214450	43.283	ng		97
62) 4-Nitroaniline	15.921	138	96681	43.073	ng		98
63) Azobenzene	16.174	77	373783	44.267	ng		98
65) 4,6-Dinitro-2-methylph...	15.980	198	80979	48.595	ng		95
66) n-Nitrosodiphenylamine	16.097	169	360695	43.856	ng		99
67) 4-Bromophenyl-phenylether	16.779	248	146336	43.036	ng		98
68) Hexachlorobenzene	16.902	284	163454	43.352	ng		99
69) Atrazine	17.038	200	157304	48.360	ng		99
70) Pentachlorophenol	17.249	266	190885	82.762	ng		99
71) Phenanthrene	17.643	178	684529	42.505	ng		99
72) Anthracene	17.731	178	699243	44.687	ng		99
73) Carbazole	18.001	167	643159	45.721	ng		100
74) Di-n-butylphthalate	18.530	149	774805	44.358	ng		100
75) Fluoranthene	19.640	202	829515	42.339	ng		99
77) Benzidine	19.811	184	330575	49.092	ng		98
78) Pyrene	19.999	202	851410	43.214	ng		99
80) Butylbenzylphthalate	20.862	149	343702	44.562	ng		98
81) Benzo(a)anthracene	21.873	228	851486	42.473	ng		98
82) 3,3'-Dichlorobenzidine	21.773	252	187813	26.661	ng		99
83) Chrysene	21.944	228	797606	41.792	ng		99
84) Bis(2-ethylhexyl)phtha...	21.744	149	499360	45.050	ng		100
85) Di-n-octyl phthalate	23.007	149	842445	44.411	ng		100
87) Indeno(1,2,3-cd)pyrene	29.206	276	1018505	40.805	ng	#	94
88) Benzo(b)fluoranthene	24.206	252	906060	45.663	ng		100
89) Benzo(k)fluoranthene	24.276	252	874210	44.199	ng		99
90) Benzo(a)pyrene	25.128	252	799749	46.969	ng		98
91) Dibenzo(a,h)anthracene	29.270	278	862918	42.307	ng		98
92) Benzo(g,h,i)perylene	30.439	276	850364	41.365	ng		99

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

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