Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055762.D
Acq On : 23 Nov 2022 19:35
Operator : CG/JU
Sample : PB149150BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 24 06:08:28 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 24 06:05:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149150BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	29516	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	142223	20.000	ng	0.00
39) Acenaphthene-d10	14.864	164	114356	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	278726	20.000	ng	0.00
76) Chrysene-d12	21.902	240	265078	20.000	ng	0.00
86) Perylene-d12	25.298	264	272106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	249407	152.733	ng	0.00
7) Phenol-d6	7.384	99	340201	156.506	ng	0.00
23) Nitrobenzene-d5	9.411	82	207936	77.276	ng	0.00
42) 2,4,6-Tribromophenol	16.350	330	211106	131.099	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	572343	74.980	ng	0.00
79) Terphenyl-d14	20.187	244	1085489	81.905	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	23135	33.152	ng	97
3) Pyridine	4.006	79	64751	30.246	ng	99
4) n-Nitrosodimethylamine	3.918	42	46590	41.105	ng	95
6) Aniline	7.549	93	102697	37.614	ng	97
8) 2-Chlorophenol	7.795	128	95667	51.248	ng	99
9) Benzaldehyde	7.361	77	5815m	3.939	ng	
10) Phenol	7.413	94	126579	52.007	ng	99
11) bis(2-Chloroethyl)ether	7.643	93	82386	44.169	ng	98
12) 1,3-Dichlorobenzene	8.124	146	94297	42.964	ng	97
13) 1,4-Dichlorobenzene	8.271	146	96704	43.603	ng	99
14) 1,2-Dichlorobenzene	8.594	146	95486	44.929	ng	96
15) Benzyl Alcohol	8.471	79	92266m	52.228	ng	
16) 2,2'-oxybis(1-Chloropr...	8.759	45	152392	45.132	ng	99
17) 2-Methylphenol	8.677	107	87855	50.843	ng	99
18) Hexachloroethane	9.329	117	33479	43.859	ng	98
19) n-Nitroso-di-n-propyla...	9.041	70	78232	46.841	ng	99
20) 3+4-Methylphenols	9.006	107	126513	52.411	ng	98
22) Acetophenone	9.064	105	150006	40.590	ng	99
24) Nitrobenzene	9.452	77	112519	40.033	ng	98
25) Isophorone	9.975	82	220633	43.275	ng	99
26) 2-Nitrophenol	10.169	139	57734	44.497	ng	96
27) 2,4-Dimethylphenol	10.216	122	104517m	52.928	ng	
28) bis(2-Chloroethoxy)met...	10.451	93	124593	45.521	ng	99
29) 2,4-Dichlorophenol	10.710	162	110605	46.796	ng	99
30) 1,2,4-Trichlorobenzene	10.921	180	108800	39.622	ng	96
31) Naphthalene	11.115	128	300722	39.114	ng	99
32) Benzoic acid	10.363	122	64422	39.652	ng	96
33) 4-Chloroaniline	11.221	127	70245	22.148	ng	97
34) Hexachlorobutadiene	11.391	225	72911	38.885	ng	97
35) Caprolactam	11.990	113	36559m	44.698	ng	
36) 4-Chloro-3-methylphenol	12.325	107	123965	47.719	ng	97
37) 2-Methylnaphthalene	12.707	142	236741	41.125	ng	99
38) 1-Methylnaphthalene	12.925	142	225119	40.283	ng	99
40) 1,2,4,5-Tetrachloroben...	13.066	216	142034	39.523	ng	99
41) Hexachlorocyclopentadiene	13.042	237	157198	86.790	ng	98
43) 2,4,6-Trichlorophenol	13.301	196	101138	41.257	ng	98

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44) 2,4,5-Trichlorophenol	13.377	196	113045	41.963	ng		97
46) 1,1'-Biphenyl	13.700	154	331950	39.834	ng		98
47) 2-Chloronaphthalene	13.747	162	252585	38.996	ng		98
48) 2-Nitroaniline	13.941	65	87405	41.044	ng		97
49) Acenaphthylene	14.587	152	424964	39.842	ng		99
50) Dimethylphthalate	14.305	163	364460	39.980	ng		100
51) 2,6-Dinitrotoluene	14.429	165	79514	42.659	ng		99
52) Acenaphthene	14.928	154	310972m	44.609	ng		
53) 3-Nitroaniline	14.764	138	54790	26.777	ng		96
54) 2,4-Dinitrophenol	14.969	184	99503	92.847	ng		98
55) Dibenzofuran	15.257	168	427185	39.723	ng		99
56) 4-Nitrophenol	15.069	139	130344	81.164	ng		98
57) 2,4-Dinitrotoluene	15.216	165	113449	43.170	ng		95
58) Fluorene	15.903	166	340951	39.695	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.480	232	107036	41.005	ng		98
60) Diethylphthalate	15.657	149	363794	39.472	ng		99
61) 4-Chlorophenyl-phenyle...	15.886	204	192982	40.874	ng		98
62) 4-Nitroaniline	15.921	138	82199	38.430	ng		95
63) Azobenzene	16.180	77	312695	38.862	ng		100
65) 4,6-Dinitro-2-methylph...	15.980	198	69378	44.577	ng		95
66) n-Nitrosodiphenylamine	16.103	169	311954	40.611	ng		99
67) 4-Bromophenyl-phenylether	16.785	248	131002	41.250	ng		96
68) Hexachlorobenzene	16.908	284	145504	41.320	ng		98
69) Atrazine	17.037	200	106253	34.975	ng		98
70) Pentachlorophenol	17.255	266	170748	79.265	ng		98
71) Phenanthrene	17.648	178	581193	38.640	ng		99
72) Anthracene	17.737	178	587333	40.189	ng		99
73) Carbazole	18.001	167	530361	40.368	ng		99
74) Di-n-butylphthalate	18.536	149	635204	38.937	ng		100
75) Fluoranthene	19.640	202	695229	37.993	ng		100
77) Benzidine	19.811	184	201192	32.808	ng		98
78) Pyrene	20.005	202	712032	39.684	ng		100
80) Butylbenzylphthalate	20.868	149	276698	39.392	ng		98
81) Benzo(a)anthracene	21.879	228	716118	39.223	ng		100
82) 3,3'-Dichlorobenzidine	21.779	252	231516	36.088	ng		98
83) Chrysene	21.949	228	670107	38.554	ng		99
84) Bis(2-ethylhexyl)phtha...	21.750	149	399305	39.556	ng		100
85) Di-n-octyl phthalate	23.019	149	686663	39.748	ng		100
87) Indeno(1,2,3-cd)pyrene	29.217	276	849335	38.101	ng	#	95
88) Benzo(b)fluoranthene	24.211	252	743751	41.970	ng		99
89) Benzo(k)fluoranthene	24.288	252	742970	42.060	ng		99
90) Benzo(a)pyrene	25.140	252	659720	43.383	ng		99
91) Dibenzo(a,h)anthracene	29.282	278	727702	39.948	ng		98
92) Benzo(g,h,i)perylene	30.451	276	714471	38.915	ng		97

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

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