Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
Data File : BG055824.D
Acq On : 29 Nov 2022 11:36
Operator : CG/JU
Sample : PB149290BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 30 02:08:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149290BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	36730	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	177936	20.000	ng	0.00
39) Acenaphthene-d10	14.853	164	140495	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	343681	20.000	ng	0.00
76) Chrysene-d12	21.886	240	320746	20.000	ng	0.00
86) Perylene-d12	25.276	264	332977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	285756	140.623	ng	0.00
7) Phenol-d6	7.379	99	391072	144.573	ng	0.00
23) Nitrobenzene-d5	9.401	82	238649	70.889	ng	0.00
42) 2,4,6-Tribromophenol	16.339	330	237711	120.156	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	651720	69.494	ng	0.00
79) Terphenyl-d14	20.176	244	1233256	76.904	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.578	88	25937	29.867	ng	95
3) Pyridine	3.995	79	77489	29.087	ng	100
4) n-Nitrosodimethylamine	3.907	42	55195	39.133	ng	98
6) Aniline	7.544	93	147529	43.422	ng	99
8) 2-Chlorophenol	7.791	128	111001	47.783	ng	98
9) Benzaldehyde	7.350	77	62426m	33.981	ng	
10) Phenol	7.409	94	144898	47.840	ng	98
11) bis(2-Chloroethyl)ether	7.632	93	95180	41.006	ng	97
12) 1,3-Dichlorobenzene	8.114	146	111141	40.693	ng	99
13) 1,4-Dichlorobenzene	8.261	146	112144	40.634	ng	99
14) 1,2-Dichlorobenzene	8.584	146	111045	41.988	ng	97
15) Benzyl Alcohol	8.460	79	103890m	47.257	ng	
16) 2,2'-oxybis(1-Chloropr...	8.742	45	178838	42.561	ng	99
17) 2-Methylphenol	8.666	107	102835	47.823	ng	97
18) Hexachloroethane	9.318	117	39241	41.310	ng	98
19) n-Nitroso-di-n-propyla...	9.030	70	90997	43.783	ng	100
20) 3+4-Methylphenols	8.995	107	145257	48.357	ng	99
22) Acetophenone	9.054	105	171473	37.086	ng	96
24) Nitrobenzene	9.442	77	129588	36.852	ng	99
25) Isophorone	9.965	82	260183	40.790	ng	99
26) 2-Nitrophenol	10.158	139	67451	41.552	ng	94
27) 2,4-Dimethylphenol	10.211	122	120303m	48.694	ng	
28) bis(2-Chloroethoxy)met...	10.440	93	144153	42.096	ng	98
29) 2,4-Dichlorophenol	10.699	162	127082	42.976	ng	97
30) 1,2,4-Trichlorobenzene	10.911	180	124956	36.372	ng	99
31) Naphthalene	11.104	128	345485	35.917	ng	99
32) Benzoic acid	10.364	122	62298	30.649	ng	97
33) 4-Chloroaniline	11.210	127	134573	33.915	ng	98
34) Hexachlorobutadiene	11.381	225	83502	35.596	ng	96
35) Caprolactam	11.986	113	44876m	43.854	ng	
36) 4-Chloro-3-methylphenol	12.321	107	142387	43.810	ng	97
37) 2-Methylnaphthalene	12.697	142	274433	38.104	ng	99
38) 1-Methylnaphthalene	12.914	142	261083	37.342	ng	100
40) 1,2,4,5-Tetrachloroben...	13.055	216	162913	36.899	ng	99
41) Hexachlorocyclopentadiene	13.032	237	161866	72.741	ng	99
43) 2,4,6-Trichlorophenol	13.296	196	114029	37.862	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.372	196	126428	38.200	ng		98
46) 1,1'-Biphenyl	13.690	154	382212	37.332	ng		98
47) 2-Chloronaphthalene	13.737	162	293471	36.879	ng		99
48) 2-Nitroaniline	13.936	65	103376	39.512	ng		96
49) Acenaphthylene	14.577	152	486336	37.113	ng		100
50) Dimethylphthalate	14.295	163	423844	37.844	ng		99
51) 2,6-Dinitrotoluene	14.424	165	91814	40.094	ng		98
52) Acenaphthene	14.918	154	358370m	41.844	ng		
53) 3-Nitroaniline	14.753	138	79323	31.554	ng		97
54) 2,4-Dinitrophenol	14.965	184	114135	86.686	ng		99
55) Dibenzofuran	15.247	168	489396	37.041	ng		99
56) 4-Nitrophenol	15.064	139	147560	74.790	ng		94
57) 2,4-Dinitrotoluene	15.211	165	133797	41.440	ng		93
58) Fluorene	15.893	166	391944	37.143	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.470	232	119109	37.141	ng		99
60) Diethylphthalate	15.646	149	428223	37.818	ng		99
61) 4-Chlorophenyl-phenyle...	15.875	204	220139	37.951	ng		98
62) 4-Nitroaniline	15.916	138	99884	38.010	ng		97
63) Azobenzene	16.169	77	362655	36.685	ng		99
65) 4,6-Dinitro-2-methylph...	15.975	198	81954	42.705	ng		94
66) n-Nitrosodiphenylamine	16.093	169	358058	37.804	ng		98
67) 4-Bromophenyl-phenylether	16.768	248	149792	38.253	ng		99
68) Hexachlorobenzene	16.898	284	165246	38.057	ng		96
69) Atrazine	17.033	200	157893	42.150	ng		98
70) Pentachlorophenol	17.244	266	177874	66.967	ng		97
71) Phenanthrene	17.638	178	674050	36.344	ng		100
72) Anthracene	17.726	178	685532	38.043	ng		99
73) Carbazole	17.990	167	627708	38.748	ng		99
74) Di-n-butylphthalate	18.525	149	762097	37.886	ng		99
75) Fluoranthene	19.630	202	812415	36.006	ng		100
77) Benzidine	19.800	184	402372	54.226	ng		99
78) Pyrene	19.994	202	822819	37.899	ng		100
80) Butylbenzylphthalate	20.852	149	324047	38.127	ng		100
81) Benzo(a)anthracene	21.862	228	818944	37.070	ng		99
82) 3,3'-Dichlorobenzidine	21.768	252	267425	34.450	ng		99
83) Chrysene	21.933	228	773724	36.789	ng		99
84) Bis(2-ethylhexyl)phtha...	21.727	149	472434	38.678	ng		99
85) Di-n-octyl phthalate	22.990	149	802873	38.409	ng		100
87) Indeno(1,2,3-cd)pyrene	29.189	276	978770	35.881	ng	#	95
88) Benzo(b)fluoranthene	24.189	252	858667	39.597	ng		100
89) Benzo(k)fluoranthene	24.265	252	854251	39.519	ng		98
90) Benzo(a)pyrene	25.117	252	767501	41.244	ng		100
91) Dibenzo(a,h)anthracene	29.248	278	840576	37.709	ng		98
92) Benzo(g,h,i)perylene	30.423	276	820785	36.533	ng		99

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

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