Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055777.D
Acq On : 25 Nov 2022 12:05
Operator : CG/JU
Sample : PB149238BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 00:24:58 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 :
PB149238BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.236	152	36344	20.000	ng		0.00
21) Naphthalene-d8	11.068	136	170211	20.000	ng		0.00
39) Acenaphthene-d10	14.869	164	134750	20.000	ng		0.00
64) Phenanthrene-d10	17.607	188	330964	20.000	ng		0.00
76) Chrysene-d12	21.908	240	318437	20.000	ng		0.00
86) Perylene-d12	25.310	264	332830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.768	112	283302	140.896	ng		0.00
7) Phenol-d6	7.389	99	382565	142.931	ng		0.00
23) Nitrobenzene-d5	9.411	82	233293	72.443	ng		0.00
42) 2,4,6-Tribromophenol	16.350	330	232538	122.553	ng		0.00
45) 2-Fluorobiphenyl	13.488	172	622892	69.252	ng		0.00
79) Terphenyl-d14	20.192	244	1215544	76.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	26351	30.666	ng		97
3) Pyridine	4.005	79	75002	28.452	ng		96
4) n-Nitrosodimethylamine	3.917	42	53658	38.447	ng		98
6) Aniline	7.554	93	147751	43.949	ng		97
8) 2-Chlorophenol	7.801	128	109251	47.529	ng		98
9) Benzaldehyde	7.360	77	62248	34.244	ng		98
10) Phenol	7.413	94	142757	47.634	ng		98
11) bis(2-Chloroethyl)ether	7.642	93	94497	41.144	ng		97
12) 1,3-Dichlorobenzene	8.124	146	105934	39.198	ng		97
13) 1,4-Dichlorobenzene	8.271	146	107024	39.190	ng		98
14) 1,2-Dichlorobenzene	8.600	146	106490	40.693	ng		97
15) Benzyl Alcohol	8.471	79	107324	49.338	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.758	45	173082	41.629	ng		98
17) 2-Methylphenol	8.676	107	100585	47.274	ng		98
18) Hexachloroethane	9.334	117	37133	39.506	ng		99
19) n-Nitroso-di-n-propyla...	9.040	70	88550	43.058	ng		97
20) 3+4-Methylphenols	9.005	107	142031	47.785	ng		98
22) Acetophenone	9.064	105	165939	37.518	ng	#	97
24) Nitrobenzene	9.458	77	125956	37.445	ng		99
25) Isophorone	9.975	82	249828	40.944	ng		99
26) 2-Nitrophenol	10.169	139	63588	40.950	ng		92
27) 2,4-Dimethylphenol	10.221	122	115352m	48.809	ng		
28) bis(2-Chloroethoxy)met...	10.451	93	140020	42.745	ng		99
29) 2,4-Dichlorophenol	10.709	162	122338	43.249	ng		98
30) 1,2,4-Trichlorobenzene	10.927	180	118708	36.122	ng		100
31) Naphthalene	11.120	128	334711	36.376	ng		100
32) Benzoic acid	10.368	122	68921	35.446	ng		95
33) 4-Chloroaniline	11.220	127	124825	32.886	ng		99
34) Hexachlorobutadiene	11.397	225	79403	35.384	ng		96
35) Caprolactam	11.996	113	44365m	45.322	ng		
36) 4-Chloro-3-methylphenol	12.331	107	139586	44.897	ng		96
37) 2-Methylnaphthalene	12.707	142	265283	38.506	ng		99
38) 1-Methylnaphthalene	12.924	142	251684	37.631	ng		99
40) 1,2,4,5-Tetrachloroben...	13.071	216	154789	36.554	ng		99
41) Hexachlorocyclopentadiene	13.048	237	171905	80.546	ng		99
43) 2,4,6-Trichlorophenol	13.306	196	110448	38.236	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	122688	38.650	ng		96
46) 1,1'-Biphenyl	13.700	154	367970	37.474	ng		99
47) 2-Chloronaphthalene	13.753	162	281436	36.874	ng		99
48) 2-Nitroaniline	13.947	65	98796	39.372	ng		95
49) Acenaphthylene	14.593	152	471692	37.530	ng		100
50) Dimethylphthalate	14.311	163	411072	38.269	ng		99
51) 2,6-Dinitrotoluene	14.434	165	88336	40.219	ng		99
52) Acenaphthene	14.928	154	348723m	42.454	ng		
53) 3-Nitroaniline	14.763	138	76038	31.537	ng		100
54) 2,4-Dinitrophenol	14.975	184	113358	89.766	ng		99
55) Dibenzofuran	15.263	168	474767	37.466	ng		99
56) 4-Nitrophenol	15.075	139	151157	79.879	ng		99
57) 2,4-Dinitrotoluene	15.221	165	129844	41.931	ng		95
58) Fluorene	15.909	166	380959	37.641	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.486	232	117052	38.056	ng		99
60) Diethylphthalate	15.662	149	411256	37.868	ng		99
61) 4-Chlorophenyl-phenyle...	15.891	204	211190	37.960	ng		98
62) 4-Nitroaniline	15.927	138	96839	38.423	ng		95
63) Azobenzene	16.185	77	357788	37.736	ng		99
65) 4,6-Dinitro-2-methylph...	15.985	198	78597	42.529	ng		99
66) n-Nitrosodiphenylamine	16.109	169	349253	38.291	ng		100
67) 4-Bromophenyl-phenylether	16.784	248	144301	38.266	ng		98
68) Hexachlorobenzene	16.914	284	161066	38.520	ng		98
69) Atrazine	17.043	200	153408	42.527	ng		98
70) Pentachlorophenol	17.260	266	190035	74.294	ng		100
71) Phenanthrene	17.654	178	659669	36.935	ng		100
72) Anthracene	17.742	178	672353	38.745	ng		99
73) Carbazole	18.006	167	615107	39.429	ng		99
74) Di-n-butylphthalate	18.541	149	737300	38.062	ng		100
75) Fluoranthene	19.646	202	801074	36.868	ng		100
77) Benzidine	19.816	184	426986	57.960	ng		99
78) Pyrene	20.010	202	813241	37.730	ng		99
80) Butylbenzylphthalate	20.874	149	320880	38.028	ng		98
81) Benzo(a)anthracene	21.884	228	812466	37.044	ng		99
82) 3,3'-Dichlorobenzidine	21.784	252	272487	35.357	ng		99
83) Chrysene	21.955	228	768471	36.805	ng		98
84) Bis(2-ethylhexyl)phtha...	21.755	149	462959	38.177	ng		99
85) Di-n-octyl phthalate	23.018	149	789336	38.035	ng		100
87) Indeno(1,2,3-cd)pyrene	29.234	276	978529	35.888	ng	#	94
88) Benzo(b)fluoranthene	24.223	252	871546	40.208	ng		99
89) Benzo(k)fluoranthene	24.293	252	837648	38.768	ng		99
90) Benzo(a)pyrene	25.151	252	760988	40.912	ng		99
91) Dibenzo(a,h)anthracene	29.299	278	835033	37.477	ng		99
92) Benzo(g,h,i)perylene	30.474	276	824145	36.699	ng		98

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

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