Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055711.D
Acq On : 21 Nov 2022 11:53
Operator : CG/JU
Sample : PB149157BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 02:01:23 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 :
PB149157BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.250	152	37860	20.000	ng		0.00
21) Naphthalene-d8	11.076	136	173309	20.000	ng		0.00
39) Acenaphthene-d10	14.871	164	132762	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	309982	20.000	ng		0.00
76) Chrysene-d12	21.916	240	285112	20.000	ng		0.00
86) Perylene-d12	25.324	264	298804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.782	112	291505	139.171	ng		0.00
7) Phenol-d6	7.398	99	384340	137.844	ng		0.00
23) Nitrobenzene-d5	9.425	82	236996	72.278	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	221735	118.609	ng		0.00
45) 2-Fluorobiphenyl	13.496	172	624487	70.469	ng		0.00
79) Terphenyl-d14	20.200	244	1119062	78.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.608	88	28413	31.742	ng		95
3) Pyridine	4.019	79	80529	29.326	ng		97
4) n-Nitrosodimethylamine	3.931	42	56979	39.192	ng		98
6) Aniline	7.562	93	148257	42.333	ng		98
8) 2-Chlorophenol	7.809	128	111768	46.677	ng		98
9) Benzaldehyde	7.374	77	67020	35.393	ng		98
10) Phenol	7.427	94	141727	45.397	ng		99
11) bis(2-Chloroethyl)ether	7.650	93	97326	40.679	ng		98
12) 1,3-Dichlorobenzene	8.138	146	113838	40.436	ng		98
13) 1,4-Dichlorobenzene	8.285	146	114254	40.162	ng		98
14) 1,2-Dichlorobenzene	8.608	146	112475	41.259	ng		99
15) Benzyl Alcohol	8.485	79	105926m	46.745	ng		
16) 2,2'-oxybis(1-Chloropr...	8.773	45	180607m	41.700	ng		
17) 2-Methylphenol	8.684	107	102754	46.359	ng		98
18) Hexachloroethane	9.343	117	40460	41.322	ng		98
19) n-Nitroso-di-n-propyla...	9.055	70	89569	41.810	ng		99
20) 3+4-Methylphenols	9.019	107	140309	45.316	ng		98
22) Acetophenone	9.078	105	169791	37.703	ng	#	97
24) Nitrobenzene	9.466	77	127827	37.322	ng		99
25) Isophorone	9.989	82	249187	40.109	ng		99
26) 2-Nitrophenol	10.177	139	63974	40.462	ng		93
27) 2,4-Dimethylphenol	10.230	122	115853m	48.145	ng		
28) bis(2-Chloroethoxy)met...	10.465	93	141909	42.547	ng		99
29) 2,4-Dichlorophenol	10.717	162	121962	42.345	ng		98
30) 1,2,4-Trichlorobenzene	10.935	180	123663	36.957	ng		99
31) Naphthalene	11.129	128	341951	36.499	ng		99
32) Benzoic acid	10.377	122	73608	37.180	ng		99
33) 4-Chloroaniline	11.229	127	118947	30.777	ng		98
34) Hexachlorobutadiene	11.405	225	84262	36.879	ng		95
35) Caprolactam	12.004	113	40523m	40.657	ng		
36) 4-Chloro-3-methylphenol	12.339	107	133701	42.236	ng		98
37) 2-Methylnaphthalene	12.715	142	264517	37.708	ng		98
38) 1-Methylnaphthalene	12.932	142	247447	36.336	ng		99
40) 1,2,4,5-Tetrachloroben...	13.079	216	155843	37.354	ng		99
41) Hexachlorocyclopentadiene	13.056	237	191743	91.186	ng		100
43) 2,4,6-Trichlorophenol	13.314	196	110650	38.880	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.391	196	121802	38.945	ng		97
46)	1,1'-Biphenyl	13.708	154	363161	37.538	ng		99
47)	2-Chloronaphthalene	13.761	162	278162	36.991	ng		99
48)	2-Nitroaniline	13.955	65	95066	38.452	ng		97
49)	Acenaphthylene	14.601	152	454952	36.741	ng		100
50)	Dimethylphthalate	14.313	163	389229	36.778	ng		99
51)	2,6-Dinitrotoluene	14.437	165	83373	38.528	ng		97
52)	Acenaphthene	14.936	154	331831m	41.002	ng		
53)	3-Nitroaniline	14.771	138	70563	29.705	ng		98
54)	2,4-Dinitrophenol	14.983	184	104976	84.374	ng		94
55)	Dibenzofuran	15.271	168	457325	36.630	ng		99
56)	4-Nitrophenol	15.077	139	141852	76.084	ng		97
57)	2,4-Dinitrotoluene	15.224	165	119473	39.159	ng		97
58)	Fluorene	15.917	166	360202	36.123	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.494	232	111613	36.831	ng		99
60)	Diethylphthalate	15.670	149	387522	36.217	ng		100
61)	4-Chlorophenyl-phenyle...	15.900	204	205907	37.565	ng		99
62)	4-Nitroaniline	15.935	138	90725	36.536	ng		96
63)	Azobenzene	16.193	77	335730	35.940	ng		99
65)	4,6-Dinitro-2-methylph...	15.988	198	70401	40.673	ng		98
66)	n-Nitrosodiphenylamine	16.111	169	328407	38.443	ng		98
67)	4-Bromophenyl-phenylether	16.793	248	136361	38.608	ng		99
68)	Hexachlorobenzene	16.922	284	152481	38.935	ng		95
69)	Atrazine	17.051	200	140356	41.542	ng		99
70)	Pentachlorophenol	17.263	266	180303	75.261	ng		98
71)	Phenanthrene	17.656	178	613725	36.689	ng		99
72)	Anthracene	17.750	178	619899	38.140	ng		99
73)	Carbazole	18.015	167	557761	38.173	ng		100
74)	Di-n-butylphthalate	18.549	149	675219	37.216	ng		99
75)	Fluoranthene	19.654	202	714710	35.120	ng		99
77)	Benzidine	19.824	184	393938	59.725	ng		99
78)	Pyrene	20.012	202	728840	37.766	ng		99
80)	Butylbenzylphthalate	20.882	149	287082	37.999	ng		96
81)	Benzo(a)anthracene	21.893	228	727872	37.066	ng		100
82)	3,3'-Dichlorobenzidine	21.799	252	238288	34.533	ng		97
83)	Chrysene	21.963	228	685366	36.661	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.763	149	413217	38.058	ng		100
85)	Di-n-octyl phthalate	23.038	149	710775	38.253	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.266	276	865125	35.342	ng	#	94
88)	Benzo(b)fluoranthene	24.237	252	764541	39.288	ng		99
89)	Benzo(k)fluoranthene	24.313	252	745205	38.417	ng		100
90)	Benzo(a)pyrene	25.165	252	677396	40.565	ng		100
91)	Dibenzo(a,h)anthracene	29.331	278	744185	37.203	ng		99
92)	Benzo(g,h,i)perylene	30.500	276	725487	35.985	ng		99

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

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