Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055802.D
Acq On : 28 Nov 2022 12:43
Operator : CG/JU
Sample : PB149266BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 02:07:18 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 :
PB149266BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.228	152	41083	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	190727	20.000	ng		0.00
39) Acenaphthene-d10	14.856	164	149188	20.000	ng		0.00
64) Phenanthrene-d10	17.600	188	362126	20.000	ng		0.00
76) Chrysene-d12	21.889	240	353237	20.000	ng		0.00
86) Perylene-d12	25.285	264	368944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.766	112	322558	141.915	ng		0.00
7) Phenol-d6	7.382	99	429754	142.040	ng		0.00
23) Nitrobenzene-d5	9.403	82	261735	72.533	ng		0.00
42) 2,4,6-Tribromophenol	16.342	330	245728	116.971	ng		0.00
45) 2-Fluorobiphenyl	13.481	172	686438	68.931	ng		0.00
79) Terphenyl-d14	20.179	244	1336255	75.663	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	31945	32.888	ng		99
3) Pyridine	3.998	79	90961	30.526	ng		97
4) n-Nitrosodimethylamine	3.910	42	62014	39.309	ng		92
6) Aniline	7.547	93	163708	43.078	ng		98
8) 2-Chlorophenol	7.793	128	121852	46.896	ng		97
9) Benzaldehyde	7.359	77	69189	33.672	ng		97
10) Phenol	7.412	94	159332	47.032	ng		99
11) bis(2-Chloroethyl)ether	7.635	93	107804	41.524	ng		98
12) 1,3-Dichlorobenzene	8.117	146	122924	40.238	ng		95
13) 1,4-Dichlorobenzene	8.263	146	123763	40.092	ng		98
14) 1,2-Dichlorobenzene	8.587	146	122781	41.506	ng		98
15) Benzyl Alcohol	8.469	79	112146m	45.608	ng		
16) 2,2'-oxybis(1-Chloropr...	8.757	45	196397	41.788	ng		99
17) 2-Methylphenol	8.669	107	111481	46.351	ng		99
18) Hexachloroethane	9.327	117	42427	39.932	ng		99
19) n-Nitroso-di-n-propyla...	9.033	70	99278	42.706	ng		97
20) 3+4-Methylphenols	8.998	107	157126	46.766	ng		98
22) Acetophenone	9.057	105	186852	37.702	ng	#	99
24) Nitrobenzene	9.450	77	140801	37.356	ng		99
25) Isophorone	9.967	82	282211	41.276	ng		98
26) 2-Nitrophenol	10.161	139	73753	42.387	ng		97
27) 2,4-Dimethylphenol	10.214	122	129000m	48.713	ng		
28) bis(2-Chloroethoxy)met...	10.443	93	156511	42.640	ng		100
29) 2,4-Dichlorophenol	10.702	162	134288	42.367	ng		99
30) 1,2,4-Trichlorobenzene	10.919	180	130861	35.537	ng		99
31) Naphthalene	11.113	128	378289	36.690	ng		100
32) Benzoic acid	10.361	122	77649	35.639	ng		99
33) 4-Chloroaniline	11.213	127	131541	30.928	ng		98
34) Hexachlorobutadiene	11.383	225	86394	34.359	ng		96
35) Caprolactam	11.983	113	48856m	44.541	ng		
36) 4-Chloro-3-methylphenol	12.323	107	153720	44.125	ng		97
37) 2-Methylnaphthalene	12.699	142	292853	37.935	ng		99
38) 1-Methylnaphthalene	12.917	142	279361	37.276	ng		99
40) 1,2,4,5-Tetrachloroben...	13.064	216	168863	36.018	ng		99
41) Hexachlorocyclopentadiene	13.034	237	185847	78.651	ng		99
43) 2,4,6-Trichlorophenol	13.299	196	119044	37.224	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.375	196	134771	38.348	ng		98
46) 1,1'-Biphenyl	13.692	154	406330	37.375	ng		98
47) 2-Chloronaphthalene	13.739	162	305060	36.101	ng		98
48) 2-Nitroaniline	13.939	65	111074	39.981	ng		96
49) Acenaphthylene	14.580	152	522768	37.569	ng		100
50) Dimethylphthalate	14.298	163	449069	37.760	ng		100
51) 2,6-Dinitrotoluene	14.427	165	97566	40.123	ng		98
52) Acenaphthene	14.920	154	386705m	42.522	ng		
53) 3-Nitroaniline	14.756	138	80206	30.046	ng		99
54) 2,4-Dinitrophenol	14.967	184	127791	91.402	ng		96
55) Dibenzofuran	15.249	168	516537	36.818	ng		98
56) 4-Nitrophenol	15.067	139	168358	80.359	ng		99
57) 2,4-Dinitrotoluene	15.208	165	142503	41.565	ng		96
58) Fluorene	15.902	166	418388	37.338	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.479	232	126036	37.011	ng		99
60) Diethylphthalate	15.649	149	457221	38.026	ng		100
61) 4-Chlorophenyl-phenyle...	15.878	204	228406	37.082	ng		96
62) 4-Nitroaniline	15.919	138	107511	38.529	ng		99
63) Azobenzene	16.172	77	396399	37.762	ng		98
65) 4,6-Dinitro-2-methylph...	15.972	198	86423	42.740	ng		99
66) n-Nitrosodiphenylamine	16.095	169	383123	38.390	ng		99
67) 4-Bromophenyl-phenylether	16.777	248	154472	37.439	ng		98
68) Hexachlorobenzene	16.900	284	172475	37.699	ng		98
69) Atrazine	17.036	200	167457	42.427	ng		99
70) Pentachlorophenol	17.247	266	205497	73.426	ng		99
71) Phenanthrene	17.641	178	720910	36.891	ng		99
72) Anthracene	17.729	178	735222	38.722	ng		99
73) Carbazole	17.999	167	682610	39.990	ng		99
74) Di-n-butylphthalate	18.528	149	832978	39.301	ng		100
75) Fluoranthene	19.633	202	888062	37.354	ng		99
77) Benzidine	19.803	184	464244	56.809	ng		99
78) Pyrene	19.997	202	901951	37.723	ng		99
80) Butylbenzylphthalate	20.860	149	367301	39.241	ng		98
81) Benzo(a)anthracene	21.871	228	905944	37.236	ng		99
82) 3,3'-Dichlorobenzidine	21.771	252	289436	33.856	ng		99
83) Chrysene	21.942	228	846749	36.558	ng		99
84) Bis(2-ethylhexyl)phtha...	21.736	149	531333	39.499	ng		99
85) Di-n-octyl phthalate	22.999	149	906235	39.366	ng		100
87) Indeno(1,2,3-cd)pyrene	29.198	276	1085883	35.927	ng	#	94
88) Benzo(b)fluoranthene	24.198	252	960185	39.962	ng		99
89) Benzo(k)fluoranthene	24.274	252	940456	39.266	ng		99
90) Benzo(a)pyrene	25.126	252	849604	41.205	ng		99
91) Dibenzo(a,h)anthracene	29.262	278	931386	37.710	ng		99
92) Benzo(g,h,i)perylene	30.432	276	910773	36.587	ng		99

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

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