Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
Data File : BG059716.D
Acq On : 16 Nov 2023 13:27
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 16:57:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 16:29:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	30331	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	133512	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	103507	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	231159	20.000	ng	0.00
76) Chrysene-d12	22.051	240	197157	20.000	ng	0.00
86) Perylene-d12	25.635	264	316310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	138018	76.589	ng	0.00
7) Phenol-d6	7.456	99	211144	79.066	ng	0.00
23) Nitrobenzene-d5	9.542	82	298255	85.318	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	94530	80.491	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	628064	81.676	ng	0.00
79) Terphenyl-d14	20.294	244	1088481	81.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	25133m	29.728	ng	
3) Pyridine	4.090	79	83182	35.359	ng	100
4) n-Nitrosodimethylamine	4.019	42	42645	34.676	ng	100
6) Aniline	7.668	93	137521	39.021	ng	100
8) 2-Chlorophenol	7.891	128	81783	41.833	ng	100
9) Benzaldehyde	7.486	77	67922	37.627	ng	100
10) Phenol	7.491	94	109997	39.966	ng	100
11) bis(2-Chloroethyl)ether	7.756	93	69119	40.342	ng	100
12) 1,3-Dichlorobenzene	8.220	146	85151	39.268	ng	100
13) 1,4-Dichlorobenzene	8.379	146	84222	38.575	ng	100
14) 1,2-Dichlorobenzene	8.702	146	81872	37.787	ng	100
15) Benzyl Alcohol	8.584	79	124310	40.821	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.860	45	22366	36.043	ng	100
17) 2-Methylphenol	8.761	107	80385	39.653	ng	100
18) Hexachloroethane	9.424	117	36187	39.098	ng	100
19) n-Nitroso-di-n-propyla...	9.148	70	85953	40.873	ng	100
20) 3+4-Methylphenols	9.095	107	112582	40.004	ng	100
22) Acetophenone	9.184	105	156282	41.346	ng	100
24) Nitrobenzene	9.589	77	138093	42.891	ng	100
25) Isophorone	10.088	82	244108	41.594	ng	100
26) 2-Nitrophenol	10.294	139	47045	39.856	ng	100
27) 2,4-Dimethylphenol	10.318	122	95716	39.882	ng	100
28) bis(2-Chloroethoxy)met...	10.576	93	89402	40.537	ng	100
29) 2,4-Dichlorophenol	10.811	162	88951	43.411	ng	100
30) 1,2,4-Trichlorobenzene	11.034	180	87436	42.223	ng	100
31) Naphthalene	11.240	128	289598	43.136	ng	100
32) Benzoic acid	10.429	122	65207m	39.984	ng	
33) 4-Chloroaniline	11.352	127	121573	42.575	ng	100
34) Hexachlorobutadiene	11.463	225	57141	40.543	ng	100
35) Caprolactam	12.145	113	29522	39.422	ng	100
36) 4-Chloro-3-methylphenol	12.427	107	112680	41.349	ng	100
37) 2-Methylnaphthalene	12.820	142	241876	42.777	ng	100
38) 1-Methylnaphthalene	13.038	142	219577	42.110	ng	100
40) 1,2,4,5-Tetrachloroben...	13.161	216	113087	40.455	ng	100
41) Hexachlorocyclopentadiene	13.114	237	71270	40.645	ng	100
43) 2,4,6-Trichlorophenol	13.402	196	79696	40.999	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.473	196	92177	40.357	ng	100
46) 1,1'-Biphenyl	13.808	154	325429	40.055	ng	100
47) 2-Chloronaphthalene	13.860	162	217289	38.923	ng	100
48) 2-Nitroaniline	14.072	65	81857	41.070	ng	100
49) Acenaphthylene	14.707	152	375369	39.435	ng	100
50) Dimethylphthalate	14.413	163	316994	39.519	ng	100
51) 2,6-Dinitrotoluene	14.554	165	59145	38.868	ng	100
52) Acenaphthene	15.036	154	231462	40.433	ng	100
53) 3-Nitroaniline	14.895	138	71831	40.328	ng	100
54) 2,4-Dinitrophenol	15.088	184	43528	38.495	ng	100
55) Dibenzofuran	15.365	168	372936	39.513	ng	100
56) 4-Nitrophenol	15.165	139	51960	38.130	ng	100
57) 2,4-Dinitrotoluene	15.329	165	90621	38.725	ng	100
58) Fluorene	16.011	166	318312	40.594	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.570	232	76621	38.104	ng	97
60) Diethylphthalate	15.758	149	333903	38.814	ng	100
61) 4-Chlorophenyl-phenyle...	15.993	204	161319	39.969	ng	100
62) 4-Nitroaniline	16.058	138	65278	36.568	ng	100
63) Azobenzene	16.293	77	385558	40.330	ng	100
65) 4,6-Dinitro-2-methylph...	16.081	198	57960	41.029	ng	100
66) n-Nitrosodiphenylamine	16.217	169	289345	42.849	ng	100
67) 4-Bromophenyl-phenylether	16.892	248	102342	41.212	ng	100
68) Hexachlorobenzene	16.986	284	97106	41.896	ng	100
69) Atrazine	17.145	200	84363	38.967	ng	100
70) Pentachlorophenol	17.339	266	75654	42.784	ng	100
71) Phenanthrene	17.762	178	493499	41.990	ng	100
72) Anthracene	17.856	178	516722	42.315	ng	100
73) Carbazole	18.132	167	446257	41.832	ng	100
74) Di-n-butylphthalate	18.631	149	538584	41.767	ng	100
75) Fluoranthene	19.754	202	561713	39.854	ng	100
77) Benzidine	19.942	184	177279	39.654	ng	100
78) Pyrene	20.118	202	551500	41.125	ng	100
80) Butylbenzylphthalate	20.976	149	223125	40.564	ng	100
81) Benzo(a)anthracene	22.027	228	550268	40.790	ng	100
82) 3,3'-Dichlorobenzidine	21.939	252	205465	40.882	ng	100
83) Chrysene	22.104	228	510769	41.304	ng	100
84) Bis(2-ethylhexyl)phtha...	21.857	149	317480	41.288	ng	100
85) Di-n-octyl phthalate	23.191	149	701409	47.384	ng	100
87) Indeno(1,2,3-cd)pyrene	29.801	276	993655	41.515	ng	100
88) Benzo(b)fluoranthene	24.477	252	827530	47.732	ng	100
89) Benzo(k)fluoranthene	24.554	252	804443	46.943	ng	100
90) Benzo(a)pyrene	25.459	252	787680	42.572	ng	100
91) Dibenzo(a,h)anthracene	29.889	278	824749	40.759	ng	100
92) Benzo(g,h,i)perylene	31.123	276	792460	41.255	ng	100

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

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