Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128429.D
Acq On : 24 May 2022 12:16
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 25 03:54:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 03:52:53 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/25/2022
Supervised By :Jagrut Upadhyay
05/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	116546	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	426618	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	232092	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	419897	20.000	ng		0.00
76) Chrysene-d12	14.033	240	293522	20.000	ng		0.00
86) Perylene-d12	15.510	264	242417	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	571279	78.005	ng		0.00
7) Phenol-d6	6.493	99	728717	75.564	ng		0.00
23) Nitrobenzene-d5	7.422	82	715508	75.145	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	183937	76.847	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1079903	76.091	ng		0.00
79) Terphenyl-d14	12.963	244	1180089	77.611	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	137364	38.291	ng		99
3) Pyridine	3.399	79	365901	39.384	ng		97
4) n-Nitrosodimethylamine	3.381	42	170973	38.684	ng		96
6) Aniline	6.516	93	424689	38.503	ng		94
8) 2-Chlorophenol	6.640	128	286784	38.300	ng		95
9) Benzaldehyde	6.404	77	192818	37.808	ng		96
10) Phenol	6.504	94	388123	37.846	ng		90
11) bis(2-Chloroethyl)ether	6.587	93	304162	39.740	ng		99
12) 1,3-Dichlorobenzene	6.787	146	329351	39.169	ng		96
13) 1,4-Dichlorobenzene	6.863	146	326387	38.252	ng		97
14) 1,2-Dichlorobenzene	7.016	146	299131	37.810	ng		98
15) Benzyl Alcohol	6.998	79	265224	37.150	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	438609	38.861	ng		92
17) 2-Methylphenol	7.110	107	236317	37.581	ng	#	91
18) Hexachloroethane	7.351	117	123276	39.001	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	210409	36.481	ng		97
20) 3+4-Methylphenols	7.263	107	279022	36.855	ng	#	75
22) Acetophenone	7.263	105	382689	36.847	ng	#	86
24) Nitrobenzene	7.440	77	338593	37.993	ng		98
25) Isophorone	7.675	82	574969	39.404	ng		99
26) 2-Nitrophenol	7.751	139	157134	40.685	ng		96
27) 2,4-Dimethylphenol	7.787	122	222975	39.652	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	371098	40.239	ng		99
29) 2,4-Dichlorophenol	7.998	162	244445	40.103	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	272669	39.395	ng		99
31) Naphthalene	8.151	128	813145	39.112	ng		99
32) Benzoic acid	7.939	122	142555	35.604	ng		97
33) 4-Chloroaniline	8.210	127	325423	39.118	ng		99
34) Hexachlorobutadiene	8.257	225	178078	39.724	ng		99
35) Caprolactam	8.598	113	78177m	39.736	ng		
36) 4-Chloro-3-methylphenol	8.698	107	262577	39.753	ng		99
37) 2-Methylnaphthalene	8.845	142	532182	39.040	ng		99
38) 1-Methylnaphthalene	8.945	142	510906	38.964	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	268503	39.675	ng		100
41) Hexachlorocyclopentadiene	8.986	237	81575	38.199	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	168501	39.450	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	179259	39.454	ng		96
46) 1,1'-Biphenyl	9.310	154	663323	39.552	ng		99
47) 2-Chloronaphthalene	9.334	162	489050	39.313	ng		97
48) 2-Nitroaniline	9.439	65	178532	39.614	ng		97
49) Acenaphthylene	9.751	152	723307	38.858	ng		100
50) Dimethylphthalate	9.610	163	582667	39.411	ng		100
51) 2,6-Dinitrotoluene	9.681	165	128293	39.677	ng		93
52) Acenaphthene	9.922	154	461199	39.456	ng		99
53) 3-Nitroaniline	9.857	138	143038	39.300	ng		98
54) 2,4-Dinitrophenol	9.975	184	58556	35.709	ng		99
55) Dibenzofuran	10.098	168	677992	38.258	ng		99
56) 4-Nitrophenol	10.028	139	72840	34.795	ng		99
57) 2,4-Dinitrotoluene	10.092	165	155611	38.198	ng	#	70
58) Fluorene	10.439	166	540025	38.882	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	144732	38.782	ng		98
60) Diethylphthalate	10.310	149	572250	40.168	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	270516	39.521	ng		98
62) 4-Nitroaniline	10.475	138	147139m	39.944	ng		
63) Azobenzene	10.592	77	627605	39.315	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	103246	40.007	ng		98
66) n-Nitrosodiphenylamine	10.551	169	480192	39.502	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	174945	39.811	ng		98
68) Hexachlorobenzene	10.986	284	187760	39.297	ng		94
69) Atrazine	11.080	200	156832	39.304	ng		98
70) Pentachlorophenol	11.192	266	80376	41.570	ng		98
71) Phenanthrene	11.404	178	787797	38.444	ng		100
72) Anthracene	11.457	178	795477	39.058	ng		99
73) Carbazole	11.616	167	758718	37.356	ng		100
74) Di-n-butylphthalate	11.933	149	875383	39.457	ng		100
75) Fluoranthene	12.598	202	837376	37.733	ng		98
77) Benzidine	12.722	184	251637	41.219	ng		99
78) Pyrene	12.827	202	847739	38.574	ng		99
80) Butylbenzylphthalate	13.433	149	365957	41.522	ng		99
81) Benzo(a)anthracene	14.021	228	736818	39.455	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	154636	36.285	ng		99
83) Chrysene	14.057	228	681499	38.316	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	471282	40.438	ng		100
85) Di-n-octyl phthalate	14.598	149	776901	41.483	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	541652	39.147	ng		98
88) Benzo(b)fluoranthene	15.074	252	601810	39.908	ng		98
89) Benzo(k)fluoranthene	15.104	252	550296	38.962	ng		98
90) Benzo(a)pyrene	15.451	252	471608	38.958	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	436188	39.289	ng		98
92) Benzo(g,h,i)perylene	17.474	276	459894	39.706	ng		98

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

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