Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
Data File : BF136675.D
Acq On : 21 Dec 2023 18:30
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 21 22:44:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	69585	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	269996	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	136598	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	240536	20.000	ng	0.00
76) Chrysene-d12	13.963	240	114436	20.000	ng	0.00
86) Perylene-d12	15.445	264	126569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	358015	80.277	ng	0.00
7) Phenol-d6	6.434	99	451786	78.180	ng	0.00
23) Nitrobenzene-d5	7.351	82	423074	80.183	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	121711	75.656	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	824570	81.190	ng	0.00
79) Terphenyl-d14	12.904	244	694400	84.799	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	72413	38.969	ng	98
3) Pyridine	3.293	79	183169	40.401	ng	96
4) n-Nitrosodimethylamine	3.258	42	98470	40.671	ng	95
6) Aniline	6.457	93	224618	38.877	ng	99
8) 2-Chlorophenol	6.575	128	195217	40.000	ng	98
9) Benzaldehyde	6.340	77	126653	38.532	ng	97
10) Phenol	6.446	94	238522	38.665	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	184127	39.248	ng	98
12) 1,3-Dichlorobenzene	6.728	146	213573	40.115	ng	99
13) 1,4-Dichlorobenzene	6.804	146	215817	39.672	ng	99
14) 1,2-Dichlorobenzene	6.957	146	202202	39.945	ng	99
15) Benzyl Alcohol	6.934	79	155511	39.889	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	299308	39.023	ng	97
17) 2-Methylphenol	7.046	107	161723	39.999	ng	99
18) Hexachloroethane	7.293	117	79829	40.406	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	137579	39.274	ng	96
20) 3+4-Methylphenols	7.199	107	195288	38.662	ng	98
22) Acetophenone	7.199	105	272007	40.194	ng	96
24) Nitrobenzene	7.369	77	217683	41.185	ng	99
25) Isophorone	7.610	82	381155	39.700	ng	98
26) 2-Nitrophenol	7.687	139	105111	41.565	ng	97
27) 2,4-Dimethylphenol	7.722	122	125714	40.834	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	232354	39.815	ng	98
29) 2,4-Dichlorophenol	7.928	162	158699	40.040	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	179218	40.582	ng	98
31) Naphthalene	8.087	128	590960	39.841	ng	100
32) Benzoic acid	7.857	122	129420m	43.446	ng	
33) 4-Chloroaniline	8.140	127	211486	38.617	ng	98
34) Hexachlorobutadiene	8.198	225	109866	40.948	ng	95
35) Caprolactam	8.516	113	49206	37.632	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	175923	39.426	ng	99
37) 2-Methylnaphthalene	8.781	142	378043	39.602	ng	99
38) 1-Methylnaphthalene	8.875	142	370575	39.568	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	175979	41.599	ng	99
41) Hexachlorocyclopentadiene	8.928	237	46995	37.606	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	112800	41.577	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	126505	41.844	ng		97
46) 1,1'-Biphenyl	9.245	154	470054	41.007	ng		100
47) 2-Chloronaphthalene	9.269	162	356371	40.896	ng		99
48) 2-Nitroaniline	9.369	65	108572	39.787	ng		95
49) Acenaphthylene	9.687	152	547965	41.140	ng		99
50) Dimethylphthalate	9.551	163	393008	39.390	ng		100
51) 2,6-Dinitrotoluene	9.610	165	90000	39.746	ng	#	84
52) Acenaphthene	9.857	154	333674	40.414	ng		99
53) 3-Nitroaniline	9.781	138	92374	38.510	ng		99
54) 2,4-Dinitrophenol	9.893	184	44294	37.382	ng		95
55) Dibenzofuran	10.028	168	498048	39.794	ng		99
56) 4-Nitrophenol	9.951	139	60322	37.253	ng		98
57) 2,4-Dinitrotoluene	10.016	165	112395	38.235	ng		99
58) Fluorene	10.375	166	385750	38.844	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	93001	39.962	ng		99
60) Diethylphthalate	10.245	149	400161	38.655	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	192231	39.824	ng		99
62) 4-Nitroaniline	10.398	138	80662m	34.882	ng		
63) Azobenzene	10.528	77	380220	39.324	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	60159	43.641	ng		100
66) n-Nitrosodiphenylamine	10.487	169	328029	41.981	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	115396	43.198	ng		98
68) Hexachlorobenzene	10.922	284	126188	42.388	ng		98
69) Atrazine	11.016	200	59907	29.976	ng		98
70) Pentachlorophenol	11.122	266	60020	43.255	ng		99
71) Phenanthrene	11.339	178	501729	40.652	ng		100
72) Anthracene	11.392	178	504530	40.365	ng		99
73) Carbazole	11.545	167	450386	38.219	ng		99
74) Di-n-butylphthalate	11.881	149	560381	38.970	ng		99
75) Fluoranthene	12.528	202	478216	36.224	ng		97
77) Benzidine	12.657	184	123083	36.477	ng		98
78) Pyrene	12.763	202	482653	42.964	ng		100
80) Butylbenzylphthalate	13.386	149	170284	41.658	ng		99
81) Benzo(a)anthracene	13.957	228	327521	41.217	ng		98
82) 3,3'-Dichlorobenzidine	13.922	252	99515	44.098	ng		99
83) Chrysene	13.992	228	313247	40.311	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	224230	43.599	ng		98
85) Di-n-octyl phthalate	14.563	149	379058	47.647	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	416492	45.576	ng		100
88) Benzo(b)fluoranthene	15.010	252	341552	40.403	ng		99
89) Benzo(k)fluoranthene	15.039	252	286586	35.877	ng		99
90) Benzo(a)pyrene	15.380	252	291450	40.843	ng		99
91) Dibenzo(a,h)anthracene	16.969	278	346686	46.242	ng		96
92) Benzo(g,h,i)perylene	17.410	276	362173	47.166	ng		100

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

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