Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136643.D
Acq On : 20 Dec 2023 10:27
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 17:10:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:02:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	69657	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	288713	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	154919	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	315486	20.000	ng		0.00
76) Chrysene-d12	13.968	240	207092	20.000	ng		0.00
86) Perylene-d12	15.445	264	160972	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	95009	21.282	ng		0.00
7) Phenol-d6	6.428	99	120190	20.777	ng		-0.01
23) Nitrobenzene-d5	7.351	82	112134	19.874	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	38567	21.138	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	247780	21.512	ng		0.00
79) Terphenyl-d14	12.910	244	299741	20.227	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	19462	10.463	ng		96
3) Pyridine	3.310	79	47312	10.425	ng		98
4) n-Nitrosodimethylamine	3.246	42	23401	9.655	ng	#	97
6) Aniline	6.457	93	60918	10.533	ng		97
8) 2-Chlorophenol	6.581	128	50546	10.346	ng		92
9) Benzaldehyde	6.345	77	36985	11.240	ng		99
10) Phenol	6.445	94	64735	10.483	ng		87
11) bis(2-Chloroethyl)ether	6.528	93	48857	10.403	ng		99
12) 1,3-Dichlorobenzene	6.734	146	55138	10.346	ng		96
13) 1,4-Dichlorobenzene	6.810	146	56788	10.428	ng		96
14) 1,2-Dichlorobenzene	6.957	146	53403	10.539	ng		96
15) Benzyl Alcohol	6.934	79	40248	10.313	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	79144	10.308	ng		98
17) 2-Methylphenol	7.045	107	41733	10.311	ng		97
18) Hexachloroethane	7.298	117	20226	10.227	ng		98
19) n-Nitroso-di-n-propyla...	7.192	70	36594	10.436	ng		97
20) 3+4-Methylphenols	7.198	107	54198	10.719	ng		98
22) Acetophenone	7.198	105	72848	10.067	ng	#	93
24) Nitrobenzene	7.369	77	56147	9.934	ng		97
25) Isophorone	7.604	82	102784	10.012	ng		99
26) 2-Nitrophenol	7.686	139	25687	9.499	ng		97
27) 2,4-Dimethylphenol	7.728	122	32538	9.884	ng		91
28) bis(2-Chloroethoxy)met...	7.816	93	62523	10.019	ng		99
29) 2,4-Dichlorophenol	7.928	162	42456	10.017	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	47347	10.026	ng		99
31) Naphthalene	8.086	128	160315	10.107	ng		99
32) Benzoic acid	7.810	122	26030	8.233	ng		96
33) 4-Chloroaniline	8.139	127	59145	10.100	ng		98
34) Hexachlorobutadiene	8.204	225	28933	10.084	ng		98
35) Caprolactam	8.480	113	14361	10.268	ng		96
36) 4-Chloro-3-methylphenol	8.622	107	47900	10.039	ng		98
37) 2-Methylnaphthalene	8.780	142	106159	10.400	ng		100
38) 1-Methylnaphthalene	8.880	142	103304	10.315	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	49072	10.228	ng		98
41) Hexachlorocyclopentadiene	8.933	237	8610	10.182	ng		94
43) 2,4,6-Trichlorophenol	9.063	196	30750	9.994	ng		97

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44) 2,4,5-Trichlorophenol	9.104	196	35414	10.328	ng		99
46) 1,1'-Biphenyl	9.245	154	136598	10.507	ng		100
47) 2-Chloronaphthalene	9.269	162	101624	10.283	ng		99
48) 2-Nitroaniline	9.369	65	31728	10.252	ng		92
49) Acenaphthylene	9.686	152	158935	10.521	ng		99
50) Dimethylphthalate	9.545	163	117479	10.382	ng		99
51) 2,6-Dinitrotoluene	9.610	165	25852	10.067	ng		93
52) Acenaphthene	9.857	154	99726	10.650	ng		97
53) 3-Nitroaniline	9.780	138	28199	10.366	ng		91
54) 2,4-Dinitrophenol	9.886	184	9207	9.902	ng	#	86
55) Dibenzofuran	10.027	168	151972	10.707	ng		99
56) 4-Nitrophenol	9.951	139	18101	9.857	ng		97
57) 2,4-Dinitrotoluene	10.016	165	35563	10.667	ng	#	85
58) Fluorene	10.374	166	123850	10.997	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	26667m	10.033	ng		
60) Diethylphthalate	10.245	149	125203	10.664	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	59324	10.837	ng		97
62) 4-Nitroaniline	10.386	138	29147	10.846	ng		95
63) Azobenzene	10.527	77	115625	10.544	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	15638	8.649	ng		97
66) n-Nitrosodiphenylamine	10.486	169	105105	10.256	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	35661	10.178	ng		98
68) Hexachlorobenzene	10.922	284	40193	10.294	ng		98
69) Atrazine	11.016	200	29722	11.339	ng		99
70) Pentachlorophenol	11.121	266	17544	9.640	ng		97
71) Phenanthrene	11.339	178	171865	10.617	ng		100
72) Anthracene	11.392	178	171611	10.468	ng		99
73) Carbazole	11.551	167	165178	10.687	ng		100
74) Di-n-butylphthalate	11.880	149	202133	10.717	ng		100
75) Fluoranthene	12.533	202	191976	11.087	ng		99
77) Benzidine	12.657	184	61659	10.098	ng		98
78) Pyrene	12.763	202	195313	9.607	ng		99
80) Butylbenzylphthalate	13.386	149	70222	9.493	ng		94
81) Benzo(a)anthracene	13.957	228	146955	10.219	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	41088	10.061	ng	#	98
83) Chrysene	13.992	228	143268	10.188	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	89950	9.665	ng		100
85) Di-n-octyl phthalate	14.568	149	131613	9.142	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	105637	9.089	ng		98
88) Benzo(b)fluoranthene	15.009	252	107910	10.037	ng		99
89) Benzo(k)fluoranthene	15.039	252	110311	10.862	ng		100
90) Benzo(a)pyrene	15.380	252	91108	10.039	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	87889	9.218	ng		99
92) Benzo(g,h,i)perylene	17.392	276	87519	8.962	ng		99

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

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