Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
Data File : BF132966.D
Acq On : 21 Apr 2023 13:42
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 22 03:13:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:12:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.751	152	188828	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	773658	20.000	ng		0.00
39) Acenaphthene-d10	9.786	164	407332	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	732075	20.000	ng		0.00
76) Chrysene-d12	13.904	240	533946	20.000	ng		0.00
86) Perylene-d12	15.327	264	517283	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	149862	11.989	ng		-0.01
7) Phenol-d6	6.369	99	181125	11.674	ng		-0.02
23) Nitrobenzene-d5	7.304	82	157280	10.973	ng		-0.02
42) 2,4,6-Tribromophenol	10.569	330	43012	10.500	ng		-0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.851	244	344387	11.124	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.428	88	33692	5.811	ng		95
3) Pyridine	3.146	79	79072	5.135	ng		97
4) n-Nitrosodimethylamine	3.063	42	44026	5.520	ng	#	95
6) Aniline	6.404	93	110516	5.530	ng		99
8) 2-Chlorophenol	6.528	128	74368	5.860	ng		94
10) Phenol	6.381	94	99930m	5.838	ng		
11) bis(2-Chloroethyl)ether	6.481	93	73794	5.745	ng		98
12) 1,3-Dichlorobenzene	6.687	146	79408	5.885	ng		97
13) 1,4-Dichlorobenzene	6.769	146	80550	5.956	ng		96
14) 1,2-Dichlorobenzene	6.922	146	75468	6.053	ng		100
15) Benzyl Alcohol	6.887	79	61035	5.695	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	127203	5.702	ng		98
17) 2-Methylphenol	6.998	107	66064	5.685	ng		99
18) Hexachloroethane	7.263	117	26544	5.646	ng		93
19) n-Nitroso-di-n-propyla...	7.157	70	54300	5.622	ng		94
20) 3+4-Methylphenols	7.151	107	85130	6.220	ng		98
22) Acetophenone	7.157	105	108849	6.074	ng	#	97
24) Nitrobenzene	7.328	77	79461	5.471	ng		99
25) Isophorone	7.569	82	145744	5.356	ng		98
26) 2-Nitrophenol	7.645	139	33239	4.745	ng		93
27) 2,4-Dimethylphenol	7.687	122	66449	5.532	ng		98
28) bis(2-Chloroethoxy)met...	7.787	93	90934	5.648	ng		99
29) 2,4-Dichlorophenol	7.887	162	59219	5.415	ng		96
30) 1,2,4-Trichlorobenzene	7.975	180	64752	5.716	ng		98
31) Naphthalene	8.057	128	231281	5.979	ng		99
32) Benzoic acid	7.739	122	27914m	3.750	ng		
33) 4-Chloroaniline	8.104	127	88257	5.647	ng		98
34) Hexachlorobutadiene	8.181	225	35271	5.617	ng		96
35) Caprolactam	8.428	113	18473	5.029	ng		96
36) 4-Chloro-3-methylphenol	8.575	107	63873	5.416	ng		97
37) 2-Methylnaphthalene	8.745	142	159232	6.021	ng		100
38) 1-Methylnaphthalene	8.845	142	150168	6.070	ng		100
40) 1,2,4,5-Tetrachloroben...	8.910	216	62228	5.682	ng		99
41) Hexachlorocyclopentadiene	8.904	237	29165	4.566	ng		100
43) 2,4,6-Trichlorophenol	9.022	196	40376	5.331	ng		95
44) 2,4,5-Trichlorophenol	9.057	196	47217	5.390	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.210	154	192146	5.949	ng		98
47) 2-Chloronaphthalene	9.233	162	136813	5.787	ng		98
48) 2-Nitroaniline	9.322	65	38031	4.867	ng		85
49) Acenaphthylene	9.645	152	218498	5.784	ng		99
50) Dimethylphthalate	9.504	163	160551	5.653	ng		99
51) 2,6-Dinitrotoluene	9.563	165	32632	5.105	ng	#	87
52) Acenaphthene	9.822	154	147442	5.828	ng		99
53) 3-Nitroaniline	9.733	138	37841	4.978	ng		99
54) 2,4-Dinitrophenol	9.833	184	11803	3.673	ng	#	82
55) Dibenzofuran	9.992	168	208302	6.036	ng		98
56) 4-Nitrophenol	9.880	139	28716	4.878	ng		88
57) 2,4-Dinitrotoluene	9.963	165	41584	5.101	ng		93
58) Fluorene	10.333	166	160768	6.358	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	37616	5.539	ng		99
60) Diethylphthalate	10.210	149	153096	5.707	ng		98
61) 4-Chlorophenyl-phenyle...	10.328	204	75764	6.149	ng		94
62) 4-Nitroaniline	10.333	138	35737	5.115	ng		93
63) Azobenzene	10.486	77	163489	5.753	ng		97
65) 4,6-Dinitro-2-methylph...	10.369	198	17122	3.859	ng	#	64
66) n-Nitrosodiphenylamine	10.445	169	136482	5.747	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	43284	5.452	ng		92
68) Hexachlorobenzene	10.880	284	43229	5.313	ng		93
69) Atrazine	10.969	200	37145	5.429	ng		96
70) Pentachlorophenol	11.069	266	27460	4.739	ng		98
71) Phenanthrene	11.292	178	240540	6.113	ng		99
72) Anthracene	11.345	178	240517	5.973	ng		98
73) Carbazole	11.498	167	205041	5.719	ng		98
74) Di-n-butylphthalate	11.839	149	217027	5.349	ng		98
75) Fluoranthene	12.474	202	228868	5.796	ng		98
77) Benzidine	12.604	184	41755	4.624	ng		98
78) Pyrene	12.704	202	240452	5.253	ng		98
80) Butylbenzylphthalate	13.333	149	65018	4.012	ng		91
81) Benzo(a)anthracene	13.892	228	201053	5.476	ng		97
82) 3,3'-Dichlorobenzidine	13.857	252	50091	4.938	ng		96
83) Chrysene	13.927	228	200358	5.458	ng		98
84) Bis(2-ethylhexyl)phtha...	13.898	149	96981	4.767	ng	#	96
85) Di-n-octyl phthalate	14.510	149	142136	4.285	ng		97
87) Indeno(1,2,3-cd)pyrene	16.704	276	134007	4.554	ng		99
88) Benzo(b)fluoranthene	14.915	252	170805	5.190	ng		98
89) Benzo(k)fluoranthene	14.945	252	170299	5.220	ng		99
90) Benzo(a)pyrene	15.268	252	152726	5.099	ng		96
91) Dibenzo(a,h)anthracene	16.727	278	110689	4.510	ng		98
92) Benzo(g,h,i)perylene	17.115	276	106892	4.412	ng		94

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

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