Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
Data File : BF132918.D
Acq On : 19 Apr 2023 18:34
Operator : CG\JU
Sample : 02270-26MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 20 01:48:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	239409	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	993494	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	547314	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1016951	20.000	ng	0.00
76) Chrysene-d12	13.921	240	642320	20.000	ng	0.00
86) Perylene-d12	15.345	264	586284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1724285	112.620	ng	0.00
7) Phenol-d6	6.398	99	2262437	115.802	ng	0.00
23) Nitrobenzene-d5	7.328	82	1396458	73.267	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	681326	124.112	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2439571	68.475	ng	0.00
79) Terphenyl-d14	12.874	244	3107306	82.534	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	342167	45.800	ng	99
3) Pyridine	3.199	79	859349	42.058	ng	98
4) n-Nitrosodimethylamine	3.152	42	483407	49.792	ng	97
6) Aniline	6.422	93	899615	34.722	ng	98
8) 2-Chlorophenol	6.545	128	835394	53.783	ng	99
9) Benzaldehyde	6.310	77	535106	46.291	ng	98
10) Phenol	6.410	94	1110900	50.571	ng	99
11) bis(2-Chloroethyl)ether	6.498	93	819427	49.392	ng	99
12) 1,3-Dichlorobenzene	6.704	146	865037	50.668	ng	99
13) 1,4-Dichlorobenzene	6.781	146	871175	50.925	ng	98
14) 1,2-Dichlorobenzene	6.934	146	834738	52.261	ng	99
15) Benzyl Alcohol	6.910	79	737914	55.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1500972	52.287	ng	99
17) 2-Methylphenol	7.022	107	701199	49.288	ng	99
18) Hexachloroethane	7.281	117	303485	51.118	ng	94
19) n-Nitroso-di-n-propyla...	7.187	70	615710	50.489	ng	100
20) 3+4-Methylphenols	7.175	107	851198	50.621	ng	88
22) Acetophenone	7.175	105	1106194	47.463	ng	95
24) Nitrobenzene	7.351	77	921690	47.179	ng	95
25) Isophorone	7.587	82	1739541	48.116	ng	99
26) 2-Nitrophenol	7.663	139	447798	60.761	ng	95
27) 2,4-Dimethylphenol	7.704	122	779365	51.842	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	1026399	47.484	ng	100
29) 2,4-Dichlorophenol	7.904	162	706866	50.516	ng	96
30) 1,2,4-Trichlorobenzene	7.992	180	720441	47.683	ng	100
31) Naphthalene	8.075	128	2336694	46.543	ng	99
32) Benzoic acid	7.828	122	496238	65.824	ng	98
33) 4-Chloroaniline	8.116	127	211152	10.269	ng	98
34) Hexachlorobutadiene	8.192	225	396586	45.882	ng	100
35) Caprolactam	8.492	113	260541m	62.523	ng	
36) 4-Chloro-3-methylphenol	8.598	107	782840	53.301	ng	98
37) 2-Methylnaphthalene	8.763	142	1572829	45.515	ng	100
38) 1-Methylnaphthalene	8.863	142	1487333	46.193	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	671986	43.408	ng	98
41) Hexachlorocyclopentadiene	8.922	237	871134	106.763	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	494381	50.379	ng	99

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44) 2,4,5-Trichlorophenol	9.075	196	532769	46.429	ng		99
46) 1,1'-Biphenyl	9.228	154	1960189	45.178	ng		99
47) 2-Chloronaphthalene	9.251	162	1487526	46.330	ng		98
48) 2-Nitroaniline	9.345	65	509334	54.835	ng		96
49) Acenaphthylene	9.669	152	2322634	45.355	ng		99
50) Dimethylphthalate	9.533	163	1817760	48.039	ng		100
51) 2,6-Dinitrotoluene	9.586	165	426798	51.445	ng		92
52) Acenaphthene	9.839	154	1698043	51.456	ng		99
53) 3-Nitroaniline	9.751	138	285854	30.279	ng		97
54) 2,4-Dinitrophenol	9.863	184	454631	140.675	ng	#	86
55) Dibenzofuran	10.010	168	2159325	46.120	ng		100
56) 4-Nitrophenol	9.916	139	764519	109.017	ng		93
57) 2,4-Dinitrotoluene	9.992	165	573009	55.963	ng		96
58) Fluorene	10.351	166	1600633	46.670	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	462244	51.904	ng		100
60) Diethylphthalate	10.233	149	1768144	50.006	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	796124	45.637	ng		93
62) 4-Nitroaniline	10.375	138	477358	52.607	ng		98
63) Azobenzene	10.504	77	1958622	49.589	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	303682	62.354	ng		96
66) n-Nitrosodiphenylamine	10.463	169	1503511	45.395	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	540789	46.569	ng		96
68) Hexachlorobenzene	10.904	284	589616	48.940	ng		97
69) Atrazine	10.992	200	536662	57.971	ng		99
70) Pentachlorophenol	11.092	266	727009	93.514	ng		99
71) Phenanthrene	11.310	178	2501933	45.738	ng		99
72) Anthracene	11.363	178	2538810	45.339	ng		99
73) Carbazole	11.516	167	2284627	47.153	ng		99
74) Di-n-butylphthalate	11.857	149	2821915	54.330	ng		99
75) Fluoranthene	12.498	202	2541389	46.719	ng		99
77) Benzidine	12.621	184	948810	94.826	ng		95
78) Pyrene	12.727	202	2609317	49.681	ng		99
80) Butylbenzylphthalate	13.351	149	927780	70.505	ng		91
81) Benzo(a)anthracene	13.910	228	2112462	48.359	ng		99
82) 3,3'-Dichlorobenzidine	13.874	252	635360	60.129	ng		99
83) Chrysene	13.951	228	2044460	47.088	ng		100
84) Bis(2-ethylhexyl)phtha...	13.916	149	1324531	79.725	ng		99
85) Di-n-octyl phthalate	14.527	149	2475873	65.829	ng		95
87) Indeno(1,2,3-cd)pyrene	16.745	276	1964922	58.653	ng		100
88) Benzo(b)fluoranthene	14.939	252	1963178	53.756	ng		99
89) Benzo(k)fluoranthene	14.968	252	1691089	46.485	ng		100
90) Benzo(a)pyrene	15.292	252	1549090	46.430	ng		99
91) Dibenzo(a,h)anthracene	16.768	278	1648387	57.748	ng		98
92) Benzo(g,h,i)perylene	17.168	276	1605849	58.757	ng		98

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

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