Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131751.D
Acq On : 21 Dec 2022 18:20
Operator : CG\JU
Sample : PB149739BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 22 05:48:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149739BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	90069	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	328210	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	190008	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	372345	20.000	ng		0.00
76) Chrysene-d12	14.069	240	266035	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	199405	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	886703	165.774	ng		0.02
7) Phenol-d6	6.504	99	1137771	158.036	ng		0.00
23) Nitrobenzene-d5	7.440	82	794310	98.248	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	361751	173.943	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1377069	101.524	ng		0.00
79) Terphenyl-d14	13.010	244	1818664	106.544	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	108822	43.536	ng		99
3) Pyridine	3.463	79	310399	43.550	ng		99
4) n-Nitrosodimethylamine	3.440	42	155138	48.110	ng		95
6) Aniline	6.528	93	181865	20.462	ng	#	81
8) 2-Chlorophenol	6.651	128	287570	50.055	ng		98
9) Benzaldehyde	6.416	77	139425	32.273	ng		98
10) Phenol	6.522	94	395781	46.044	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	319348	51.917	ng		98
12) 1,3-Dichlorobenzene	6.804	146	312366	48.099	ng		99
13) 1,4-Dichlorobenzene	6.881	146	312791	47.120	ng		97
14) 1,2-Dichlorobenzene	7.034	146	297963	47.940	ng		100
15) Benzyl Alcohol	7.016	79	288447m	44.857	ng		
16) 2,2'-oxybis(1-Chloropr...	7.140	45	380721	48.541	ng		91
17) 2-Methylphenol	7.128	107	254138	46.858	ng		96
18) Hexachloroethane	7.381	117	129379	49.166	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	245732	47.326	ng		98
20) 3+4-Methylphenols	7.281	107	325735	46.665	ng		94
22) Acetophenone	7.281	105	466484	48.703	ng	#	93
24) Nitrobenzene	7.457	77	383522	46.662	ng		96
25) Isophorone	7.698	82	684548	49.858	ng		99
26) 2-Nitrophenol	7.775	139	153851	47.897	ng		98
27) 2,4-Dimethylphenol	7.810	122	271117	59.261	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	380270	52.156	ng		98
29) 2,4-Dichlorophenol	8.016	162	261818	47.405	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	306986	47.280	ng		99
31) Naphthalene	8.181	128	815855	45.516	ng		99
32) Benzoic acid	7.957	122	192664	52.610	ng		97
33) 4-Chloroaniline	8.245	127	43103	6.166	ng		98
34) Hexachlorobutadiene	8.292	225	201323	46.086	ng		98
35) Caprolactam	8.616	113	75914m	45.584	ng		
36) 4-Chloro-3-methylphenol	8.722	107	306915	48.646	ng		98
37) 2-Methylnaphthalene	8.875	142	561119	45.893	ng		99
38) 1-Methylnaphthalene	8.975	142	517625	43.711	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	321881	49.515	ng		99
41) Hexachlorocyclopentadiene	9.022	237	431707	146.580	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	205025	48.280	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	221512	48.184	ng		98
46) 1,1'-Biphenyl	9.339	154	713783	49.942	ng		100
47) 2-Chloronaphthalene	9.369	162	569159	48.633	ng		99
48) 2-Nitroaniline	9.469	65	199018	47.181	ng		97
49) Acenaphthylene	9.787	152	852557	48.569	ng		99
50) Dimethylphthalate	9.645	163	700075	48.966	ng		100
51) 2,6-Dinitrotoluene	9.710	165	152799	49.703	ng		92
52) Acenaphthene	9.957	154	514952	47.889	ng		100
53) 3-Nitroaniline	9.881	138	46070	14.646	ng		93
54) 2,4-Dinitrophenol	9.992	184	204126	110.815	ng		98
55) Dibenzofuran	10.128	168	786538	47.700	ng		98
56) 4-Nitrophenol	10.057	139	224213	99.589	ng		92
57) 2,4-Dinitrotoluene	10.116	165	214161	51.843	ng		90
58) Fluorene	10.475	166	629901	47.249	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	189445	49.362	ng	#	88
60) Diethylphthalate	10.351	149	675981	49.069	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	349046	49.261	ng		98
62) 4-Nitroaniline	10.504	138	132770	41.939	ng		96
63) Azobenzene	10.622	77	725715	47.971	ng		94
65) 4,6-Dinitro-2-methylph...	10.528	198	128463	50.252	ng		91
66) n-Nitrosodiphenylamine	10.586	169	521908	45.199	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	209616	47.665	ng		98
68) Hexachlorobenzene	11.016	284	235569	48.705	ng		99
69) Atrazine	11.116	200	170574	44.316	ng		99
70) Pentachlorophenol	11.216	266	273600	106.582	ng		97
71) Phenanthrene	11.439	178	949222	46.752	ng		99
72) Anthracene	11.492	178	975499	49.070	ng		99
73) Carbazole	11.651	167	799663	46.494	ng		100
74) Di-n-butylphthalate	11.975	149	1065766	49.764	ng		100
75) Fluoranthene	12.633	202	1094618	48.408	ng		99
77) Benzidine	12.757	184	20771	4.258	ng	#	95
78) Pyrene	12.863	202	1130968	46.758	ng		100
80) Butylbenzylphthalate	13.480	149	448498	52.573	ng		100
81) Benzo(a)anthracene	14.057	228	954150	49.799	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	74932	14.008	ng		98
83) Chrysene	14.098	228	897489	49.629	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	614560	60.414	ng		99
85) Di-n-octyl phthalate	14.657	149	952176	67.055	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	635325	47.435	ng		99
88) Benzo(b)fluoranthene	15.121	252	739519	52.420	ng		99
89) Benzo(k)fluoranthene	15.151	252	751935	54.622	ng		98
90) Benzo(a)pyrene	15.498	252	609687	54.559	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	534186	48.261	ng		97
92) Benzo(g,h,i)perylene	17.533	276	510659	46.677	ng		99

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

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