Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
Data File : BF137653.D
Acq On : 20 Mar 2024 14:09
Operator : CG\JU
Sample : PB159685BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 20 14:48:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159685BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	172493	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	672864	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	348586	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	607581	20.000	ng		0.00
76) Chrysene-d12	13.880	240	358821	20.000	ng		0.00
86) Perylene-d12	15.304	264	324676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1394258	122.420	ng		0.02
7) Phenol-d6	6.375	99	1873106	113.937	ng		0.00
23) Nitrobenzene-d5	7.298	82	1199156	82.807	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	441689	144.287	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1922149	86.316	ng		0.00
79) Terphenyl-d14	12.833	244	2063712	79.087	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	221667	35.595	ng		96
3) Pyridine	3.175	79	478277	31.845	ng		98
4) n-Nitrosodimethylamine	3.140	42	237936	39.814	ng		94
6) Aniline	6.392	93	429007	21.356	ng	#	78
8) 2-Chlorophenol	6.510	128	546507	45.495	ng		97
10) Phenol	6.387	94	720524	40.720	ng		92
11) bis(2-Chloroethyl)ether	6.469	93	540113	41.654	ng		97
12) 1,3-Dichlorobenzene	6.669	146	575017	44.796	ng		95
13) 1,4-Dichlorobenzene	6.745	146	575813	43.843	ng		99
14) 1,2-Dichlorobenzene	6.892	146	551541	45.753	ng		99
15) Benzyl Alcohol	6.875	79	477869	46.691	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	844323	37.881	ng		91
17) 2-Methylphenol	6.992	107	448885	39.934	ng		99
18) Hexachloroethane	7.234	117	201970	46.703	ng		96
19) n-Nitroso-di-n-propyla...	7.145	70	392558	38.669	ng		99
20) 3+4-Methylphenols	7.145	107	517841	40.225	ng		94
22) Acetophenone	7.139	105	738813	45.381	ng	#	95
24) Nitrobenzene	7.316	77	611097	42.008	ng		96
25) Isophorone	7.551	82	1135356	41.267	ng		98
26) 2-Nitrophenol	7.628	139	276820	47.930	ng		99
27) 2,4-Dimethylphenol	7.669	122	424517	39.338	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	676630	41.917	ng		99
29) 2,4-Dichlorophenol	7.869	162	442486	44.676	ng		98
30) 1,2,4-Trichlorobenzene	7.951	180	466924	44.799	ng		99
31) Naphthalene	8.033	128	1524530	42.229	ng		99
32) Benzoic acid	7.816	122	224748	37.717	ng		98
33) 4-Chloroaniline	8.086	127	160155	11.313	ng		99
34) Hexachlorobutadiene	8.145	225	278056	45.188	ng		99
35) Caprolactam	8.463	113	153539m	45.718	ng		
36) 4-Chloro-3-methylphenol	8.575	107	478700	43.239	ng		100
37) 2-Methylnaphthalene	8.722	142	916441	39.820	ng		98
38) 1-Methylnaphthalene	8.822	142	895482	41.317	ng		98
40) 1,2,4,5-Tetrachloroben...	8.886	216	478789	49.199	ng		99
41) Hexachlorocyclopentadiene	8.875	237	332803	83.408	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	294104	46.408	ng		98
44) 2,4,5-Trichlorophenol	9.051	196	324161	44.404	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.186	154	1177454	46.150	ng		99
47)	2-Chloronaphthalene	9.210	162	909176	46.740	ng		98
48)	2-Nitroaniline	9.316	65	311545	47.122	ng		95
49)	Acenaphthylene	9.627	152	1446197	46.457	ng		100
50)	Dimethylphthalate	9.492	163	1077140	44.390	ng		99
51)	2,6-Dinitrotoluene	9.557	165	242138	47.708	ng		88
52)	Acenaphthene	9.798	154	803459	43.232	ng		100
53)	3-Nitroaniline	9.727	138	131413	24.479	ng		89
54)	2,4-Dinitrophenol	9.833	184	212777	85.341	ng		97
55)	Dibenzofuran	9.969	168	1217800	43.023	ng		99
56)	4-Nitrophenol	9.898	139	307633	80.514	ng		98
57)	2,4-Dinitrotoluene	9.963	165	297638	47.733	ng		98
58)	Fluorene	10.310	166	933616	42.948	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.086	232	266269	45.484	ng		95
60)	Diethylphthalate	10.192	149	993735	43.367	ng		100
61)	4-Chlorophenyl-phenyle...	10.304	204	457739	42.965	ng		96
62)	4-Nitroaniline	10.345	138	196389	42.563	ng		93
63)	Azobenzene	10.463	77	1075703	40.768	ng		99
65)	4,6-Dinitro-2-methylph...	10.369	198	162521	47.993	ng		81
66)	n-Nitrosodiphenylamine	10.427	169	842475	43.060	ng		99
67)	4-Bromophenyl-phenylether	10.792	248	294231	44.462	ng		97
68)	Hexachlorobenzene	10.857	284	322953	48.318	ng	#	91
69)	Atrazine	10.957	200	278948	46.900	ng		97
70)	Pentachlorophenol	11.051	266	325700	80.608	ng		97
71)	Phenanthrene	11.269	178	1408946	42.610	ng		99
72)	Anthracene	11.322	178	1423803	41.925	ng		100
73)	Carbazole	11.480	167	1269517	43.642	ng		99
74)	Di-n-butylphthalate	11.810	149	1501381	43.380	ng		99
75)	Fluoranthene	12.457	202	1393299	43.108	ng		97
77)	Benzidine	12.586	184	174225	19.841	ng		98
78)	Pyrene	12.686	202	1410676	40.066	ng		99
80)	Butylbenzylphthalate	13.304	149	521061	57.949	ng		98
81)	Benzo(a)anthracene	13.868	228	1054962	41.948	ng		99
82)	3,3'-Dichlorobenzidine	13.839	252	223681	33.399	ng		97
83)	Chrysene	13.910	228	1069975	42.095	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.868	149	655083	57.319	ng	#	98
85)	Di-n-octyl phthalate	14.480	149	1068729	48.460	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.698	276	904658	42.341	ng		97
88)	Benzo(b)fluoranthene	14.898	252	924549	48.139	ng		98
89)	Benzo(k)fluoranthene	14.927	252	901473	43.700	ng		98
90)	Benzo(a)pyrene	15.245	252	814216	43.020	ng		99
91)	Dibenzo(a,h)anthracene	16.709	278	744071	42.930	ng		97
92)	Benzo(g,h,i)perylene	17.115	276	730263	41.026	ng		98

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

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