Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
Data File : BF137627.D
Acq On : 18 Mar 2024 13:03
Operator : CG\JU
Sample : PB159633BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 13:30:37 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 :
PB159633BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	198568	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	778999	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	418384	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	714483	20.000	ng		0.00
76) Chrysene-d12	13.880	240	428771	20.000	ng		0.00
86) Perylene-d12	15.304	264	367527	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1676351	127.860	ng		0.02
7) Phenol-d6	6.375	99	2255550	119.183	ng		0.00
23) Nitrobenzene-d5	7.298	82	1417097	84.524	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	541188	147.297	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	2263223	84.677	ng		0.00
79) Terphenyl-d14	12.833	244	2445552	78.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	254325	35.477	ng		99
3) Pyridine	3.175	79	562447	32.531	ng		97
4) n-Nitrosodimethylamine	3.146	42	298920	43.103	ng		95
6) Aniline	6.393	93	457750	19.795	ng	#	19
8) 2-Chlorophenol	6.516	128	663811	48.003	ng		98
9) Benzaldehyde	6.275	77	161865	17.458	ng		99
10) Phenol	6.387	94	865653	42.497	ng		91
11) bis(2-Chloroethyl)ether	6.469	93	673723	45.135	ng		98
12) 1,3-Dichlorobenzene	6.669	146	679187	45.963	ng		97
13) 1,4-Dichlorobenzene	6.745	146	696931	46.097	ng		99
14) 1,2-Dichlorobenzene	6.898	146	652157	46.995	ng		97
15) Benzyl Alcohol	6.881	79	574675	48.776	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1030081	40.147	ng		92
17) 2-Methylphenol	6.992	107	540190	41.747	ng		97
18) Hexachloroethane	7.234	117	236055	47.417	ng		94
19) n-Nitroso-di-n-propyla...	7.151	70	480525	41.118	ng		99
20) 3+4-Methylphenols	7.145	107	615320	41.520	ng		98
22) Acetophenone	7.145	105	870178	46.168	ng		98
24) Nitrobenzene	7.316	77	734975	43.640	ng		97
25) Isophorone	7.551	82	1394156	43.770	ng		99
26) 2-Nitrophenol	7.628	139	336963	50.395	ng		98
27) 2,4-Dimethylphenol	7.675	122	487236	38.998	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	833900	44.621	ng		99
29) 2,4-Dichlorophenol	7.875	162	534733	46.634	ng		98
30) 1,2,4-Trichlorobenzene	7.951	180	569102	47.163	ng		100
31) Naphthalene	8.034	128	1834576	43.893	ng		100
32) Benzoic acid	7.828	122	323189	45.323	ng		98
33) 4-Chloroaniline	8.087	127	253392	15.461	ng		98
34) Hexachlorobutadiene	8.145	225	334434	46.945	ng		99
35) Caprolactam	8.469	113	184217m	47.379	ng		
36) 4-Chloro-3-methylphenol	8.575	107	584599	45.610	ng		99
37) 2-Methylnaphthalene	8.722	142	1112256	41.744	ng		99
38) 1-Methylnaphthalene	8.822	142	1059039	42.206	ng		99
40) 1,2,4,5-Tetrachloroben...	8.886	216	560880	48.020	ng		100
41) Hexachlorocyclopentadiene	8.875	237	415185	86.370	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	366176	48.142	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.057	196	393928	44.959	ng		97
46)	1,1'-Biphenyl	9.192	154	1393456	45.505	ng		99
47)	2-Chloronaphthalene	9.216	162	1098554	47.054	ng		99
48)	2-Nitroaniline	9.316	65	381461	48.071	ng		99
49)	Acenaphthylene	9.628	152	1714333	45.883	ng		100
50)	Dimethylphthalate	9.498	163	1319602	45.309	ng		99
51)	2,6-Dinitrotoluene	9.557	165	292329	47.988	ng		97
52)	Acenaphthene	9.798	154	981214	43.989	ng		100
53)	3-Nitroaniline	9.728	138	203775	31.625	ng		94
54)	2,4-Dinitrophenol	9.839	184	281048	93.091	ng		93
55)	Dibenzofuran	9.969	168	1465314	43.131	ng		98
56)	4-Nitrophenol	9.904	139	395856	85.994	ng		91
57)	2,4-Dinitrotoluene	9.963	165	359233	48.000	ng		96
58)	Fluorene	10.310	166	1121497	42.984	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.092	232	326099	46.411	ng		94
60)	Diethylphthalate	10.192	149	1229073	44.689	ng		99
61)	4-Chlorophenyl-phenyle...	10.304	204	552767	43.229	ng		96
62)	4-Nitroaniline	10.345	138	244006	44.060	ng		97
63)	Azobenzene	10.463	77	1343394	42.419	ng		98
65)	4,6-Dinitro-2-methylph...	10.369	198	210046	52.747	ng		91
66)	n-Nitrosodiphenylamine	10.428	169	1015771	44.150	ng		100
67)	4-Bromophenyl-phenylether	10.792	248	357707	45.966	ng		96
68)	Hexachlorobenzene	10.857	284	393264	50.034	ng	#	92
69)	Atrazine	10.957	200	292661	41.844	ng		98
70)	Pentachlorophenol	11.057	266	415357	87.416	ng		99
71)	Phenanthrene	11.275	178	1690514	43.476	ng		99
72)	Anthracene	11.322	178	1698302	42.526	ng		99
73)	Carbazole	11.480	167	1529314	44.707	ng		100
74)	Di-n-butylphthalate	11.816	149	1846073	45.359	ng		100
75)	Fluoranthene	12.457	202	1690977	44.490	ng		98
77)	Benzidine	12.586	184	139624	13.306	ng		98
78)	Pyrene	12.686	202	1679270	39.914	ng		99
80)	Butylbenzylphthalate	13.310	149	638488	59.424	ng		93
81)	Benzo(a)anthracene	13.874	228	1310840	43.619	ng		98
82)	3,3'-Dichlorobenzidine	13.839	252	330951	41.354	ng		98
83)	Chrysene	13.910	228	1298540	42.752	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.868	149	804325	58.896	ng	#	98
85)	Di-n-octyl phthalate	14.474	149	1362296	51.319	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.698	276	1155728	47.785	ng		97
88)	Benzo(b)fluoranthene	14.898	252	1118203	51.434	ng		99
89)	Benzo(k)fluoranthene	14.927	252	1105241	47.331	ng		99
90)	Benzo(a)pyrene	15.245	252	1004744	46.897	ng		100
91)	Dibenzo(a,h)anthracene	16.709	278	939082	47.864	ng		99
92)	Benzo(g,h,i)perylene	17.115	276	943350	46.818	ng		97

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

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