Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137748.D
Acq On : 29 Apr 2024 11:16
Operator : CG\JU
Sample : PB160543BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 29 11:52:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB160543BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.063	152	345310	20.000	ng		0.00
21) Naphthalene-d8	8.351	136	1392838	20.000	ng		0.00
39) Acenaphthene-d10	10.110	164	735841	20.000	ng		0.00
64) Phenanthrene-d10	11.610	188	1244526	20.000	ng		0.00
76) Chrysene-d12	14.257	240	742027	20.000	ng		0.00
86) Perylene-d12	15.827	264	622181	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.704	112	2750350	120.989	ng		0.02
7) Phenol-d6	6.687	99	3469675	120.194	ng		0.01
23) Nitrobenzene-d5	7.634	82	2214565	84.401	ng		0.00
42) 2,4,6-Tribromophenol	10.910	330	1021310	137.547	ng		0.00
45) 2-Fluorobiphenyl	9.428	172	4067849	82.602	ng		0.00
79) Terphenyl-d14	13.198	244	4171681	90.490	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.116	88	346319	34.023	ng		97
3) Pyridine	3.840	79	812861	29.977	ng		97
4) n-Nitrosodimethylamine	3.810	42	505247	39.925	ng		92
6) Aniline	6.728	93	585283	16.290	ng		98
8) 2-Chlorophenol	6.851	128	1121660	47.269	ng		100
10) Phenol	6.698	94	1275046	44.213	ng		97
11) bis(2-Chloroethyl)ether	6.798	93	1054035	44.810	ng		98
12) 1,3-Dichlorobenzene	7.004	146	1131440	45.467	ng		98
13) 1,4-Dichlorobenzene	7.081	146	1155177	46.108	ng		99
14) 1,2-Dichlorobenzene	7.234	146	1118410	47.958	ng		99
15) Benzyl Alcohol	7.204	79	940801	43.566	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1529995	42.294	ng		98
17) 2-Methylphenol	7.304	107	896754	42.535	ng		100
18) Hexachloroethane	7.581	117	413133	46.592	ng		96
19) n-Nitroso-di-n-propyla...	7.475	70	763234	40.887	ng		99
20) 3+4-Methylphenols	7.457	107	1121907	41.201	ng	#	89
22) Acetophenone	7.475	105	1486035	43.621	ng		100
24) Nitrobenzene	7.651	77	1150252	43.391	ng		99
25) Isophorone	7.887	82	2137746	43.868	ng		99
26) 2-Nitrophenol	7.963	139	601135	51.674	ng		97
27) 2,4-Dimethylphenol	7.987	122	908086	38.691	ng		98
28) bis(2-Chloroethoxy)met...	8.092	93	1294169	43.480	ng		99
29) 2,4-Dichlorophenol	8.198	162	952372	46.301	ng		97
30) 1,2,4-Trichlorobenzene	8.287	180	988430	47.145	ng		98
31) Naphthalene	8.375	128	3127077	43.996	ng		100
32) Benzoic acid	8.116	122	765362	51.502	ng		98
33) 4-Chloroaniline	8.410	127	437328	14.537	ng		98
34) Hexachlorobutadiene	8.481	225	586221	46.641	ng		99
35) Caprolactam	8.798	113	264166m	39.723	ng		
36) 4-Chloro-3-methylphenol	8.892	107	976692	44.769	ng		95
37) 2-Methylnaphthalene	9.063	142	2031904	41.651	ng		99
38) 1-Methylnaphthalene	9.163	142	1936736	42.462	ng		100
40) 1,2,4,5-Tetrachloroben...	9.228	216	981799	48.668	ng		100
41) Hexachlorocyclopentadiene	9.216	237	1006721	89.064	ng		100
43) 2,4,6-Trichlorophenol	9.333	196	697595	49.293	ng		97
44) 2,4,5-Trichlorophenol	9.392	196	702138	43.291	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.528	154	2449398	45.757	ng		100
47)	2-Chloronaphthalene	9.557	162	1949744	47.250	ng		98
48)	2-Nitroaniline	9.651	65	590262	46.942	ng		92
49)	Acenaphthylene	9.975	152	2996889	46.571	ng		99
50)	Dimethylphthalate	9.828	163	2311688	45.090	ng		99
51)	2,6-Dinitrotoluene	9.892	165	527090	48.796	ng		87
52)	Acenaphthene	10.151	154	2057018	49.367	ng		99
53)	3-Nitroaniline	10.063	138	368383	30.347	ng		99
54)	2,4-Dinitrophenol	10.169	184	610923	104.600	ng	#	45
55)	Dibenzofuran	10.322	168	2713092	44.419	ng		99
56)	4-Nitrophenol	10.216	139	890233	94.302	ng		98
57)	2,4-Dinitrotoluene	10.298	165	700138	51.413	ng		97
58)	Fluorene	10.669	166	2102413	44.052	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.433	232	590639	47.030	ng		97
60)	Diethylphthalate	10.528	149	2135424	43.306	ng		99
61)	4-Chlorophenyl-phenyle...	10.651	204	1056113	44.785	ng		97
62)	4-Nitroaniline	10.686	138	521434	45.098	ng		99
63)	Azobenzene	10.816	77	2086175	41.286	ng		94
65)	4,6-Dinitro-2-methylph...	10.710	198	386838	54.212	ng	#	75
66)	n-Nitrosodiphenylamine	10.775	169	1884927	44.719	ng		99
67)	4-Bromophenyl-phenylether	11.145	248	669784	46.445	ng		98
68)	Hexachlorobenzene	11.210	284	705958	50.250	ng		100
69)	Atrazine	11.292	200	427043	36.650	ng		99
70)	Pentachlorophenol	11.404	266	909043	86.017	ng		99
71)	Phenanthrene	11.633	178	2900319	44.025	ng		99
72)	Anthracene	11.686	178	2925414	43.365	ng		100
73)	Carbazole	11.839	167	2647660	43.307	ng		99
74)	Di-n-butylphthalate	12.157	149	3111744	41.753	ng		99
75)	Fluoranthene	12.827	202	2892363	41.769	ng		99
77)	Benzidine	12.939	184	179161	10.337	ng		99
78)	Pyrene	13.057	202	2928589	48.085	ng		100
80)	Butylbenzylphthalate	13.663	149	1096869	50.785	ng		94
81)	Benzo(a)anthracene	14.251	228	2387301	46.127	ng		99
82)	3,3'-Dichlorobenzidine	14.204	252	560526	35.004	ng		98
83)	Chrysene	14.286	228	2165136	44.773	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.216	149	1528884	46.873	ng		100
85)	Di-n-octyl phthalate	14.845	149	2291613	46.772	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.480	276	2142754	62.112	ng		99
88)	Benzo(b)fluoranthene	15.357	252	2047704	51.432	ng		99
89)	Benzo(k)fluoranthene	15.392	252	1886942	48.214	ng		99
90)	Benzo(a)pyrene	15.768	252	1743118	48.805	ng		97
91)	Dibenzo(a,h)anthracene	17.504	278	1782962	62.279	ng		99
92)	Benzo(g,h,i)perylene	17.986	276	1717942	61.711	ng		98

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

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