Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137713.D
Acq On : 24 Apr 2024 12:07
Operator : CG\JU
Sample : PB160276BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 24 12:53:53 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 :
PB160276BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.063	152	314341	20.000	ng		0.00
21) Naphthalene-d8	8.351	136	1285860	20.000	ng		0.00
39) Acenaphthene-d10	10.116	164	692262	20.000	ng		0.00
64) Phenanthrene-d10	11.610	188	1216214	20.000	ng		0.00
76) Chrysene-d12	14.262	240	801376	20.000	ng	#	0.00
86) Perylene-d12	15.833	264	622095	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.698	112	1800615	87.014	ng		0.02
7) Phenol-d6	6.681	99	2301030	87.564	ng		0.00
23) Nitrobenzene-d5	7.628	82	2076535	85.724	ng		0.00
42) 2,4,6-Tribromophenol	10.910	330	662115	94.785	ng		0.00
45) 2-Fluorobiphenyl	9.427	172	3880264	83.753	ng		0.00
79) Terphenyl-d14	13.198	244	4334026	87.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.122	88	339204	36.607	ng		99
3) Pyridine	3.840	79	880313	35.663	ng		99
4) n-Nitrosodimethylamine	3.816	42	496447	43.094	ng		100
6) Aniline	6.728	93	1011315m	30.920	ng		
8) 2-Chlorophenol	6.845	128	1031577	47.755	ng		96
9) Benzaldehyde	6.616	77	232076	15.737	ng		94
10) Phenol	6.692	94	1228174	46.783	ng		97
11) bis(2-Chloroethyl)ether	6.792	93	965841	45.106	ng		97
12) 1,3-Dichlorobenzene	7.004	146	1037643	45.805	ng		99
13) 1,4-Dichlorobenzene	7.081	146	1049267	46.007	ng		99
14) 1,2-Dichlorobenzene	7.233	146	1015973	47.857	ng		98
15) Benzyl Alcohol	7.198	79	896706	45.615	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.333	45	1480980	44.973	ng		99
17) 2-Methylphenol	7.304	107	845423	44.051	ng		99
18) Hexachloroethane	7.581	117	377961	46.825	ng		97
19) n-Nitroso-di-n-propyla...	7.475	70	739342	43.510	ng		99
20) 3+4-Methylphenols	7.457	107	1066474	43.024	ng	#	87
22) Acetophenone	7.475	105	1389730	44.188	ng		99
24) Nitrobenzene	7.645	77	1082644	44.238	ng		93
25) Isophorone	7.886	82	2062786	45.851	ng		100
26) 2-Nitrophenol	7.963	139	541986	50.465	ng		97
27) 2,4-Dimethylphenol	7.986	122	1013830	46.791	ng		97
28) bis(2-Chloroethoxy)met...	8.092	93	1229398	44.740	ng		99
29) 2,4-Dichlorophenol	8.198	162	879960	46.340	ng		98
30) 1,2,4-Trichlorobenzene	8.286	180	894598	46.220	ng		99
31) Naphthalene	8.375	128	2902125	44.228	ng		99
32) Benzoic acid	8.110	122	657839	47.950	ng		97
33) 4-Chloroaniline	8.410	127	539763	19.434	ng		99
34) Hexachlorobutadiene	8.480	225	523539	45.119	ng		99
35) Caprolactam	8.786	113	262775m	42.801	ng		
36) 4-Chloro-3-methylphenol	8.886	107	922900	45.823	ng		98
37) 2-Methylnaphthalene	9.063	142	1940498	43.087	ng		99
38) 1-Methylnaphthalene	9.163	142	1822706	43.287	ng		100
40) 1,2,4,5-Tetrachloroben...	9.227	216	869030	45.790	ng		99
41) Hexachlorocyclopentadiene	9.216	237	1201990	113.034	ng		100
43) 2,4,6-Trichlorophenol	9.339	196	652032	48.973	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.375	196	681317	44.652	ng		98
46)	1,1'-Biphenyl	9.527	154	2315218	45.973	ng		99
47)	2-Chloronaphthalene	9.557	162	1833740	47.236	ng		99
48)	2-Nitroaniline	9.651	65	578728	48.922	ng		92
49)	Acenaphthylene	9.974	152	2766734	45.701	ng		100
50)	Dimethylphthalate	9.827	163	2221854	46.066	ng		99
51)	2,6-Dinitrotoluene	9.892	165	505816	49.774	ng		90
52)	Acenaphthene	10.151	154	1969821	50.250	ng		99
53)	3-Nitroaniline	10.063	138	362647	31.755	ng		99
54)	2,4-Dinitrophenol	10.169	184	557452	101.621	ng	#	43
55)	Dibenzofuran	10.322	168	2623659	45.659	ng		98
56)	4-Nitrophenol	10.216	139	898642	101.186	ng		99
57)	2,4-Dinitrotoluene	10.298	165	667474	52.100	ng		99
58)	Fluorene	10.669	166	2031800	45.252	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.433	232	578012	48.922	ng		99
60)	Diethylphthalate	10.527	149	2132791	45.975	ng		98
61)	4-Chlorophenyl-phenyle...	10.651	204	1013380	45.678	ng		100
62)	4-Nitroaniline	10.686	138	515706	47.410	ng		99
63)	Azobenzene	10.816	77	2111729	44.423	ng		97
65)	4,6-Dinitro-2-methylph...	10.704	198	364360	52.250	ng		95
66)	n-Nitrosodiphenylamine	10.774	169	1835799	44.567	ng		100
67)	4-Bromophenyl-phenylether	11.145	248	630998	44.774	ng		96
68)	Hexachlorobenzene	11.216	284	663853	48.353	ng	#	92
69)	Atrazine	11.298	200	635086	55.774	ng		100
70)	Pentachlorophenol	11.404	266	849213	82.226	ng		100
71)	Phenanthrene	11.633	178	2865138	44.503	ng		100
72)	Anthracene	11.686	178	2939760	44.592	ng		100
73)	Carbazole	11.839	167	2663487	44.580	ng		99
74)	Di-n-butylphthalate	12.157	149	3246842	44.580	ng		99
75)	Fluoranthene	12.827	202	2995655	44.268	ng		98
77)	Benzidine	12.939	184	782281	41.794	ng		100
78)	Pyrene	13.063	202	3013799	45.819	ng		99
80)	Butylbenzylphthalate	13.668	149	1199909	51.441	ng		91
81)	Benzo(a)anthracene	14.251	228	2521469	45.111	ng		99
82)	3,3'-Dichlorobenzidine	14.204	252	569830	32.950	ng		97
83)	Chrysene	14.292	228	2295243	43.949	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.221	149	1815995	51.552	ng		98
85)	Di-n-octyl phthalate	14.851	149	2688424	50.807	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.480	276	1820210	52.769	ng		99
88)	Benzo(b)fluoranthene	15.362	252	1951859	49.031	ng		99
89)	Benzo(k)fluoranthene	15.398	252	1957301	50.019	ng		98
90)	Benzo(a)pyrene	15.768	252	1611556	45.128	ng		99
91)	Dibenzo(a,h)anthracene	17.503	278	1523604	53.227	ng		99
92)	Benzo(g,h,i)perylene	17.986	276	1482088	53.246	ng		98

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

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