Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137716.D
Acq On : 24 Apr 2024 13:44
Operator : CG\JU
Sample : PB160462BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 24 14:14:00 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 :
PB160462BSD

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	276500	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1111646	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	577056	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1020489	20.000	ng	# 0.00
76) Chrysene-d12	14.262	240	721195	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	579347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1595987	87.680	ng	0.01
7) Phenol-d6	6.675	99	2012060	87.046	ng	0.00
23) Nitrobenzene-d5	7.628	82	1776976	84.854	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	554085	95.156	ng	0.00
45) 2-Fluorobiphenyl	9.427	172	3343840	86.584	ng	0.00
79) Terphenyl-d14	13.198	244	3776021	84.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.081	88	305077	37.430	ng	98
3) Pyridine	3.810	79	787748	36.281	ng	100
4) n-Nitrosodimethylamine	3.781	42	432648	42.696	ng	97
6) Aniline	6.728	93	842610	29.288	ng	97
8) 2-Chlorophenol	6.845	128	895491	47.129	ng	96
9) Benzaldehyde	6.616	77	197259	15.206	ng	92
10) Phenol	6.686	94	1075833	46.589	ng	95
11) bis(2-Chloroethyl)ether	6.792	93	835909	44.380	ng	96
12) 1,3-Dichlorobenzene	7.004	146	924653	46.404	ng	99
13) 1,4-Dichlorobenzene	7.081	146	933800	46.548	ng	99
14) 1,2-Dichlorobenzene	7.234	146	897801	48.078	ng	98
15) Benzyl Alcohol	7.198	79	752646	43.526	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1288998	44.500	ng	99
17) 2-Methylphenol	7.298	107	720742	42.694	ng	98
18) Hexachloroethane	7.581	117	333310	46.945	ng	97
19) n-Nitroso-di-n-propyla...	7.469	70	635251	42.500	ng	97
20) 3+4-Methylphenols	7.451	107	921208	42.250	ng	94
22) Acetophenone	7.469	105	1202898	44.241	ng	98
24) Nitrobenzene	7.645	77	929730	43.943	ng	96
25) Isophorone	7.881	82	1742464	44.801	ng	99
26) 2-Nitrophenol	7.957	139	457115	49.233	ng	94
27) 2,4-Dimethylphenol	7.986	122	868274	46.353	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	1048387	44.132	ng	100
29) 2,4-Dichlorophenol	8.198	162	749592	45.661	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	773701	46.238	ng	99
31) Naphthalene	8.369	128	2535280	44.693	ng	100
32) Benzoic acid	8.098	122	532973	44.937	ng	95
33) 4-Chloroaniline	8.410	127	490043	20.409	ng	99
34) Hexachlorobutadiene	8.480	225	455692	45.426	ng	98
35) Caprolactam	8.780	113	239747m	45.170	ng	
36) 4-Chloro-3-methylphenol	8.886	107	779230	44.753	ng	94
37) 2-Methylnaphthalene	9.063	142	1660554	42.649	ng	100
38) 1-Methylnaphthalene	9.163	142	1554508	42.703	ng	99
40) 1,2,4,5-Tetrachloroben...	9.227	216	744031	47.030	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1013626	114.350	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	547177	49.303	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.375	196	569368	44.765	ng		97
46)	1,1'-Biphenyl	9.527	154	1982594	47.228	ng		98
47)	2-Chloronaphthalene	9.557	162	1568696	48.476	ng		100
48)	2-Nitroaniline	9.645	65	485229	49.207	ng		99
49)	Acenaphthylene	9.975	152	2371015	46.983	ng		100
50)	Dimethylphthalate	9.827	163	1882652	46.826	ng		99
51)	2,6-Dinitrotoluene	9.886	165	427067	50.415	ng		98
52)	Acenaphthene	10.145	154	1674348	51.240	ng		100
53)	3-Nitroaniline	10.057	138	299984	31.512	ng		90
54)	2,4-Dinitrophenol	10.163	184	454027	99.420	ng	#	47
55)	Dibenzofuran	10.322	168	2204020	46.013	ng		100
56)	4-Nitrophenol	10.210	139	772445	104.341	ng		99
57)	2,4-Dinitrotoluene	10.292	165	563245	52.741	ng		97
58)	Fluorene	10.663	166	1723732	46.056	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.427	232	483685	49.111	ng		98
60)	Diethylphthalate	10.527	149	1786361	46.195	ng		99
61)	4-Chlorophenyl-phenyle...	10.651	204	849090	45.914	ng		99
62)	4-Nitroaniline	10.680	138	437189	48.216	ng		99
63)	Azobenzene	10.816	77	1759368	44.399	ng		94
65)	4,6-Dinitro-2-methylph...	10.704	198	300118	51.292	ng		81
66)	n-Nitrosodiphenylamine	10.769	169	1573351	45.521	ng		99
67)	4-Bromophenyl-phenylether	11.145	248	532587	45.040	ng		100
68)	Hexachlorobenzene	11.210	284	547649	47.539	ng		99
69)	Atrazine	11.292	200	531973	55.679	ng		98
70)	Pentachlorophenol	11.404	266	704975	81.352	ng		99
71)	Phenanthrene	11.633	178	2453574	45.420	ng		100
72)	Anthracene	11.686	178	2477033	44.780	ng		100
73)	Carbazole	11.839	167	2317421	46.227	ng		99
74)	Di-n-butylphthalate	12.157	149	2694839	44.098	ng		100
75)	Fluoranthene	12.827	202	2546614	44.850	ng		100
77)	Benzidine	12.939	184	613918	36.446	ng		99
78)	Pyrene	13.057	202	2621231	44.281	ng		100
80)	Butylbenzylphthalate	13.663	149	989833	47.153	ng		99
81)	Benzo(a)anthracene	14.251	228	2297133	45.667	ng		100
82)	3,3'-Dichlorobenzidine	14.204	252	499556	32.098	ng		98
83)	Chrysene	14.286	228	2089158	44.450	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.221	149	1461370	46.097	ng		100
85)	Di-n-octyl phthalate	14.851	149	2224297	46.709	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.474	276	1667767	51.917	ng		99
88)	Benzo(b)fluoranthene	15.357	252	1889801	50.975	ng		99
89)	Benzo(k)fluoranthene	15.392	252	1813039	49.751	ng		99
90)	Benzo(a)pyrene	15.768	252	1520970	45.734	ng		98
91)	Dibenzo(a,h)anthracene	17.503	278	1395078	52.333	ng		98
92)	Benzo(g,h,i)perylene	17.980	276	1363177	52.588	ng		98

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

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