Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140077.D
Acq On : 28 Oct 2024 10:29
Operator : RC/JU
Sample : PB164444BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 28 11:23:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164444BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

10/29/2024
Supervised By :mohammad ahmed

10/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	127868	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	495282	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	281323	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	511374	20.000	ng		0.00
76) Chrysene-d12	14.051	240	262593	20.000	ng		0.00
86) Perylene-d12	15.527	264	265684	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	983498	120.410	ng		0.02
7) Phenol-d6	6.516	99	1248557	118.025	ng		0.00
23) Nitrobenzene-d5	7.451	82	827399	92.589	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	372077	141.398	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1485083	87.245	ng		0.00
79) Terphenyl-d14	12.998	244	1542921	95.744	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	135793	35.657	ng		97
3) Pyridine	3.534	79	364598	38.624	ng		98
4) n-Nitrosodimethylamine	3.481	42	210444	41.494	ng	#	99
6) Aniline	6.551	93	381952	38.741	ng		100
8) 2-Chlorophenol	6.675	128	380511	45.570	ng		98
9) Benzaldehyde	6.440	77	75047	12.611	ng		96
10) Phenol	6.528	94	480470m	44.055	ng		
11) bis(2-Chloroethyl)ether	6.622	93	369586	43.843	ng		99
12) 1,3-Dichlorobenzene	6.834	146	409351	42.706	ng		99
13) 1,4-Dichlorobenzene	6.910	146	418487	43.700	ng		99
14) 1,2-Dichlorobenzene	7.057	146	399902	44.744	ng		98
15) Benzyl Alcohol	7.028	79	358350	46.179	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	620620	43.177	ng		98
17) 2-Methylphenol	7.139	107	315983	44.379	ng		98
18) Hexachloroethane	7.404	117	150834	44.169	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	281684	43.903	ng		97
20) 3+4-Methylphenols	7.292	107	391158	42.951	ng	#	77
22) Acetophenone	7.298	105	532350	43.883	ng		99
24) Nitrobenzene	7.469	77	425814	43.461	ng		99
25) Isophorone	7.710	82	773146	45.583	ng		99
26) 2-Nitrophenol	7.786	139	188880	51.101	ng		98
27) 2,4-Dimethylphenol	7.822	122	320582	52.015	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	456094	44.384	ng		99
29) 2,4-Dichlorophenol	8.028	162	318680	45.395	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	336007	43.256	ng		98
31) Naphthalene	8.192	128	1127006	44.121	ng		99
32) Benzoic acid	7.939	122	216873	40.344	ng		99
33) 4-Chloroaniline	8.239	127	159322	18.292	ng		98
34) Hexachlorobutadiene	8.310	225	219251	44.923	ng		98
35) Caprolactam	8.610	113	103223m	46.244	ng		
36) 4-Chloro-3-methylphenol	8.716	107	357353	45.972	ng		100
37) 2-Methylnaphthalene	8.886	142	713865	45.632	ng		99
38) 1-Methylnaphthalene	8.986	142	669536	43.622	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	338977	44.663	ng		99
41) Hexachlorocyclopentadiene	9.039	237	437259	165.576	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	246720	45.915	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	247409	44.627	ng		98
46) 1,1'-Biphenyl	9.351	154	859069	43.865	ng		99
47) 2-Chloronaphthalene	9.375	162	677574	42.957	ng		100
48) 2-Nitroaniline	9.469	65	236689	49.063	ng		95
49) Acenaphthylene	9.792	152	1088844	47.749	ng		100
50) Dimethylphthalate	9.651	163	804892	45.933	ng		100
51) 2,6-Dinitrotoluene	9.710	165	179884	47.412	ng		99
52) Acenaphthene	9.963	154	735816	49.881	ng		99
53) 3-Nitroaniline	9.875	138	109911	28.091	ng		98
54) 2,4-Dinitrophenol	9.986	184	177437	109.904	ng	#	1
55) Dibenzofuran	10.133	168	947573	44.771	ng		100
56) 4-Nitrophenol	10.033	139	286527	95.186	ng		96
57) 2,4-Dinitrotoluene	10.116	165	244414	52.385	ng		99
58) Fluorene	10.480	166	727905	45.154	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	212306	48.851	ng		97
60) Diethylphthalate	10.351	149	791021	45.976	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	369072	45.336	ng		99
62) 4-Nitroaniline	10.498	138	180917	48.958	ng		97
63) Azobenzene	10.627	77	806460	44.214	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	126328	60.564	ng		95
66) n-Nitrosodiphenylamine	10.586	169	680576	44.467	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	237977	45.173	ng		98
68) Hexachlorobenzene	11.027	284	266322	44.950	ng		96
69) Atrazine	11.116	200	224215	54.080	ng		99
70) Pentachlorophenol	11.216	266	322659	89.731	ng		99
71) Phenanthrene	11.439	178	1074904	44.500	ng		100
72) Anthracene	11.492	178	1107771	47.004	ng		100
73) Carbazole	11.645	167	952915	43.475	ng		99
74) Di-n-butylphthalate	11.974	149	1167048	46.086	ng		99
75) Fluoranthene	12.627	202	1073772	43.973	ng		99
77) Benzidine	12.745	184	237729	55.056	ng		99
78) Pyrene	12.857	202	1070018	46.552	ng		100
80) Butylbenzylphthalate	13.468	149	358899	52.081	ng		99
81) Benzo(a)anthracene	14.045	228	824539	48.236	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	161964	32.497	ng		99
83) Chrysene	14.080	228	734278	46.850	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	433668	56.091	ng		100
85) Di-n-octyl phthalate	14.639	149	699522	49.743	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	839150	49.096	ng		98
88) Benzo(b)fluoranthene	15.098	252	705155	43.570	ng		99
89) Benzo(k)fluoranthene	15.127	252	711830	50.999	ng		99
90) Benzo(a)pyrene	15.468	252	674445	50.645	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	679796	47.676	ng		98
92) Benzo(g,h,i)perylene	17.486	276	644416	45.246	ng		98

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

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