Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140865.D
Acq On : 16 Dec 2024 17:34
Operator : RC/JU
Sample : PB165543BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165543BS

Quant Time: Dec 17 00:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90513	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	356175	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	197058	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	377454	20.000	ng	0.00
76) Chrysene-d12	14.027	240	267634	20.000	ng	0.00
86) Perylene-d12	15.504	264	229835	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	716910	130.386	ng	0.01
7) Phenol-d6	6.504	99	962704	132.192	ng	0.00
23) Nitrobenzene-d5	7.416	82	679235	95.411	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	316209	135.675	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1358562	94.785	ng	0.00
79) Terphenyl-d14	12.957	244	1534027	90.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	82537	34.850	ng	98
3) Pyridine	3.522	79	212128	38.676	ng	98
4) n-Nitrosodimethylamine	3.475	42	121863	44.074	ng	99
6) Aniline	6.516	93	286143	45.954	ng	89
8) 2-Chlorophenol	6.645	128	300934	50.190	ng	100
9) Benzaldehyde	6.404	77	74769	18.529	ng	98
10) Phenol	6.516	94	370345	49.066	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	279907	49.727	ng	99
12) 1,3-Dichlorobenzene	6.787	146	317647	46.492	ng	99
13) 1,4-Dichlorobenzene	6.863	146	327865	47.275	ng	98
14) 1,2-Dichlorobenzene	7.016	146	309630	47.319	ng	99
15) Benzyl Alcohol	6.998	79	278256	53.438	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	343960	51.871	ng	87
17) 2-Methylphenol	7.116	107	237645	49.643	ng	98
18) Hexachloroethane	7.351	117	127330	49.318	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	219618	50.274	ng	99
20) 3+4-Methylphenols	7.269	107	324430	51.109	ng	95
22) Acetophenone	7.263	105	431778	48.461	ng	99
24) Nitrobenzene	7.434	77	353213	48.430	ng	100
25) Isophorone	7.675	82	646846	54.228	ng	100
26) 2-Nitrophenol	7.751	139	172786	51.439	ng	99
27) 2,4-Dimethylphenol	7.792	122	246455	62.826	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	377230	50.634	ng	98
29) 2,4-Dichlorophenol	7.998	162	264503	48.839	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	276424	44.523	ng	99
31) Naphthalene	8.151	128	910875	46.556	ng	100
32) Benzoic acid	7.951	122	175932	47.288	ng	99
33) 4-Chloroaniline	8.204	127	197989	30.469	ng	98
34) Hexachlorobutadiene	8.257	225	184602	44.194	ng	98
35) Caprolactam	8.592	113	80140m	49.704	ng	
36) 4-Chloro-3-methylphenol	8.704	107	296247	48.600	ng	99
37) 2-Methylnaphthalene	8.839	142	612982	47.363	ng	100
38) 1-Methylnaphthalene	8.939	142	570015	44.533	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	306599	50.620	ng	99
41) Hexachlorocyclopentadiene	8.992	237	181932	82.011	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	189223	51.021	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	199375	48.910	ng	99
46) 1,1'-Biphenyl	9.304	154	788502	50.320	ng	100
47) 2-Chloronaphthalene	9.333	162	583121	48.644	ng	99
48) 2-Nitroaniline	9.439	65	189989	52.477	ng	96
49) Acenaphthylene	9.751	152	1005685	57.087	ng	100
50) Dimethylphthalate	9.610	163	737747	53.102	ng	99
51) 2,6-Dinitrotoluene	9.680	165	161941	50.988	ng	96
52) Acenaphthene	9.922	154	546753	48.587	ng	100
53) 3-Nitroaniline	9.851	138	109691	34.801	ng	97
54) 2,4-Dinitrophenol	9.969	184	138933	88.863	ng	98
55) Dibenzofuran	10.092	168	903468	51.812	ng	100
56) 4-Nitrophenol	10.039	139	188996	109.727	ng	97
57) 2,4-Dinitrotoluene	10.086	165	214768	51.394	ng	97
58) Fluorene	10.433	166	695761	48.365	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	186837	56.248	ng	95
60) Diethylphthalate	10.310	149	740176	51.378	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	352450	48.774	ng	99
62) 4-Nitroaniline	10.475	138	162926	49.466	ng	98
63) Azobenzene	10.586	77	701359	51.784	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	107026	50.039	ng	96
66) n-Nitrosodiphenylamine	10.545	169	625038	53.859	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	211544	50.097	ng	98
68) Hexachlorobenzene	10.986	284	242903	50.736	ng	98
69) Atrazine	11.074	200	200926	61.992	ng	100
70) Pentachlorophenol	11.192	266	197170	112.644	ng	99
71) Phenanthrene	11.404	178	973754	50.167	ng	100
72) Anthracene	11.451	178	990947	51.840	ng	99
73) Carbazole	11.610	167	930598	49.703	ng	99
74) Di-n-butylphthalate	11.927	149	1058182	48.157	ng	100
75) Fluoranthene	12.592	202	1117375	49.985	ng	99
77) Benzidine	12.716	184	298039	54.563	ng	99
78) Pyrene	12.821	202	1065826	44.783	ng	100
80) Butylbenzylphthalate	13.427	149	423854	48.401	ng	99
81) Benzo(a)anthracene	14.015	228	952811	50.232	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	221424	38.692	ng	98
83) Chrysene	14.051	228	868461	50.350	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	605903	53.659	ng	99
85) Di-n-octyl phthalate	14.604	149	932584	54.592	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	758577	52.890	ng	99
88) Benzo(b)fluoranthene	15.074	252	790622	49.556	ng	100
89) Benzo(k)fluoranthene	15.104	252	633831	46.315	ng	100
90) Benzo(a)pyrene	15.445	252	659457	52.788	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	623294	52.457	ng	99
92) Benzo(g,h,i)perylene	17.462	276	550945	45.558	ng	99

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

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