Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140868.D
Acq On : 16 Dec 2024 18:53
Operator : RC/JU
Sample : PB165479BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Quant Time: Dec 17 00:04:11 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	88068	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	342169	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	192313	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	376140	20.000	ng	0.00
76) Chrysene-d12	14.027	240	259234	20.000	ng	0.00
86) Perylene-d12	15.504	264	217232	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	530843	99.226	ng	0.01
7) Phenol-d6	6.498	99	642708	90.703	ng	0.00
23) Nitrobenzene-d5	7.416	82	640221	93.611	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	205193	90.214	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1249803	89.349	ng	0.00
79) Terphenyl-d14	12.957	244	1437814	87.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	83383	36.185	ng	98
3) Pyridine	3.504	79	217410	40.740	ng	98
4) n-Nitrosodimethylamine	3.463	42	124818	46.396	ng	100
6) Aniline	6.516	93	226732	37.423	ng	88
8) 2-Chlorophenol	6.639	128	282059	48.348	ng	98
9) Benzaldehyde	6.404	77	77548	19.751	ng	98
10) Phenol	6.510	94	353241	48.099	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	264452	48.285	ng	99
12) 1,3-Dichlorobenzene	6.787	146	309924	46.621	ng	97
13) 1,4-Dichlorobenzene	6.863	146	315484	46.753	ng	98
14) 1,2-Dichlorobenzene	7.016	146	296691	46.601	ng	99
15) Benzyl Alcohol	6.998	79	264368	52.180	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	337182	52.261	ng	87
17) 2-Methylphenol	7.116	107	229061	49.178	ng	97
18) Hexachloroethane	7.351	117	119004	47.373	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	209727	49.342	ng	99
20) 3+4-Methylphenols	7.269	107	301578	48.828	ng	96
22) Acetophenone	7.263	105	410853	48.000	ng	99
24) Nitrobenzene	7.434	77	322230	45.990	ng	99
25) Isophorone	7.675	82	568072	49.573	ng	99
26) 2-Nitrophenol	7.751	139	157531	48.818	ng	99
27) 2,4-Dimethylphenol	7.792	122	219313	58.195	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	341045	47.651	ng	98
29) 2,4-Dichlorophenol	7.998	162	247029	47.479	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	264609	44.365	ng	99
31) Naphthalene	8.151	128	870182	46.297	ng	100
32) Benzoic acid	7.945	122	159110	44.517	ng	99
33) 4-Chloroaniline	8.204	127	137031	21.951	ng	98
34) Hexachlorobutadiene	8.257	225	178984	44.603	ng	99
35) Caprolactam	8.586	113	70611m	45.587	ng	
36) 4-Chloro-3-methylphenol	8.704	107	263488	44.995	ng	100
37) 2-Methylnaphthalene	8.839	142	553045	44.481	ng	100
38) 1-Methylnaphthalene	8.939	142	513384	41.751	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	276446	46.768	ng	99
41) Hexachlorocyclopentadiene	8.986	237	156438	76.139	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	168094	46.442	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	177785	44.689	ng	98
46) 1,1'-Biphenyl	9.304	154	715622	46.796	ng	99
47) 2-Chloronaphthalene	9.333	162	527819	45.117	ng	99
48) 2-Nitroaniline	9.439	65	173045	48.977	ng	96
49) Acenaphthylene	9.745	152	877529	51.042	ng	100
50) Dimethylphthalate	9.610	163	654423	48.267	ng	100
51) 2,6-Dinitrotoluene	9.680	165	145672	46.997	ng	93
52) Acenaphthene	9.916	154	530795	48.332	ng	99
53) 3-Nitroaniline	9.851	138	93662	30.449	ng	99
54) 2,4-Dinitrophenol	9.969	184	131838	86.587	ng	98
55) Dibenzofuran	10.092	168	782609	45.988	ng	99
56) 4-Nitrophenol	10.039	139	174902	104.279	ng	98
57) 2,4-Dinitrotoluene	10.086	165	188769	46.287	ng	97
58) Fluorene	10.433	166	647471	46.118	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	163265	50.364	ng	98
60) Diethylphthalate	10.304	149	667542	47.479	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	321077	45.528	ng	99
62) 4-Nitroaniline	10.475	138	142602	44.363	ng	99
63) Azobenzene	10.586	77	626965	47.434	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	102430	48.057	ng	98
66) n-Nitrosodiphenylamine	10.545	169	569807	49.272	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	210022	49.910	ng	99
68) Hexachlorobenzene	10.986	284	210599	44.142	ng	100
69) Atrazine	11.074	200	187378	58.014	ng	98
70) Pentachlorophenol	11.192	266	170937	97.998	ng	98
71) Phenanthrene	11.398	178	962127	49.741	ng	99
72) Anthracene	11.451	178	979319	51.411	ng	100
73) Carbazole	11.610	167	830060	44.488	ng	100
74) Di-n-butylphthalate	11.927	149	1056427	48.245	ng	100
75) Fluoranthene	12.592	202	1028945	46.190	ng	99
77) Benzidine	12.716	184	227710	43.038	ng	100
78) Pyrene	12.821	202	1042499	45.223	ng	100
80) Butylbenzylphthalate	13.427	149	371847	43.838	ng	100
81) Benzo(a)anthracene	14.015	228	897845	48.868	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	182319	32.891	ng	100
83) Chrysene	14.051	228	830787	49.727	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	564719	51.633	ng	99
85) Di-n-octyl phthalate	14.604	149	797783	48.214	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	691365	51.000	ng	100
88) Benzo(b)fluoranthene	15.074	252	733377	48.635	ng	99
89) Benzo(k)fluoranthene	15.104	252	578569	44.729	ng	100
90) Benzo(a)pyrene	15.445	252	624207	52.865	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	573851	51.097	ng	99
92) Benzo(g,h,i)perylene	17.462	276	521641	45.637	ng	99

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

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