Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140840.D
Acq On : 13 Dec 2024 13:13
Operator : RC/JU
Sample : PB165543BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165543BS

Quant Time: Dec 13 16:13:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	60043	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	223506	20.000	ng		-0.02
39) Acenaphthene-d10	9.898	164	123716	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	224669	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	117791	20.000	ng		0.00
86) Perylene-d12	15.557	264	124437	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	509124	144.675	ng		0.00
7) Phenol-d6	6.510	99	638933	137.337	ng		0.00
23) Nitrobenzene-d5	7.428	82	413657	94.667	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	199137	150.502	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	841983	101.402	ng		-0.02
79) Terphenyl-d14	12.974	244	832236	110.017	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	66680	45.067	ng		99
3) Pyridine	3.493	79	164087	50.404	ng		99
4) n-Nitrosodimethylamine	3.428	42	90469	47.284	ng		96
6) Aniline	6.528	93	187649	57.305	ng		88
8) 2-Chlorophenol	6.651	128	193486	51.106	ng		96
9) Benzaldehyde	6.416	77	49771	20.209	ng		98
10) Phenol	6.522	94	240185	50.553	ng		89
11) bis(2-Chloroethyl)ether	6.593	93	182459	50.185	ng		99
12) 1,3-Dichlorobenzene	6.798	146	206632	48.572	ng		98
13) 1,4-Dichlorobenzene	6.875	146	214865	49.882	ng		99
14) 1,2-Dichlorobenzene	7.028	146	204151	50.579	ng		99
15) Benzyl Alcohol	7.010	79	172757	50.073	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	218583	50.890	ng	#	62
17) 2-Methylphenol	7.128	107	151915	50.126	ng		93
18) Hexachloroethane	7.363	117	79482	49.405	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	139347	50.681	ng		97
20) 3+4-Methylphenols	7.281	107	199022	51.091	ng	#	82
22) Acetophenone	7.269	105	274096	50.302	ng		95
24) Nitrobenzene	7.445	77	209347	46.356	ng		98
25) Isophorone	7.681	82	375087	51.465	ng		100
26) 2-Nitrophenol	7.763	139	102832	51.382	ng		97
27) 2,4-Dimethylphenol	7.798	122	151730m	63.364	ng		
28) bis(2-Chloroethoxy)met...	7.887	93	224069	50.466	ng		100
29) 2,4-Dichlorophenol	8.010	162	164951	51.986	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	175347	48.401	ng		99
31) Naphthalene	8.163	128	566685	49.223	ng		100
32) Benzoic acid	7.945	122	104170	49.692	ng		99
33) 4-Chloroaniline	8.216	127	113354	32.886	ng		99
34) Hexachlorobutadiene	8.269	225	121128	50.479	ng		99
35) Caprolactam	8.592	113	46568m	47.425	ng		
36) 4-Chloro-3-methylphenol	8.710	107	176841	49.779	ng		98
37) 2-Methylnaphthalene	8.851	142	378632	51.780	ng		99
38) 1-Methylnaphthalene	8.951	142	347981	48.550	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	190879	52.703	ng		99
41) Hexachlorocyclopentadiene	8.998	237	96899	115.469	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	113169	49.796	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	119907	48.615	ng		97
46) 1,1'-Biphenyl	9.316	154	470038	50.888	ng		100
47) 2-Chloronaphthalene	9.345	162	353838	50.556	ng		99
48) 2-Nitroaniline	9.451	65	108589	48.337	ng		95
49) Acenaphthylene	9.763	152	571864	54.078	ng		99
50) Dimethylphthalate	9.622	163	423349	51.958	ng		100
51) 2,6-Dinitrotoluene	9.692	165	89378	48.368	ng		95
52) Acenaphthene	9.933	154	345937	51.485	ng		100
53) 3-Nitroaniline	9.863	138	61017	33.761	ng		97
54) 2,4-Dinitrophenol	9.981	184	78629	81.948	ng		99
55) Dibenzofuran	10.104	168	528217	51.539	ng		99
56) 4-Nitrophenol	10.051	139	85267	69.177	ng		97
57) 2,4-Dinitrotoluene	10.098	165	120084	48.896	ng	#	92
58) Fluorene	10.451	166	423625	51.495	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	101607	53.602	ng		94
60) Diethylphthalate	10.316	149	426479	51.517	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	216460	53.616	ng		95
62) 4-Nitroaniline	10.486	138	86766	45.774	ng		97
63) Azobenzene	10.598	77	400449	51.080	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	62177	54.158	ng		96
66) n-Nitrosodiphenylamine	10.557	169	362012	54.487	ng		99
67) 4-Bromophenyl-phenylether	10.928	248	125440	54.215	ng		97
68) Hexachlorobenzene	10.998	284	140002	52.257	ng		98
69) Atrazine	11.086	200	112674	60.282	ng		99
70) Pentachlorophenol	11.204	266	99371	84.275	ng		99
71) Phenanthrene	11.416	178	578602	53.576	ng		99
72) Anthracene	11.469	178	589315	55.785	ng		100
73) Carbazole	11.627	167	505022	49.694	ng		99
74) Di-n-butylphthalate	11.945	149	614007	52.332	ng		99
75) Fluoranthene	12.610	202	577909	49.286	ng		99
77) Benzidine	12.733	184	124326	36.303	ng		99
78) Pyrene	12.839	202	582508	53.484	ng		99
80) Butylbenzylphthalate	13.445	149	190050	48.439	ng		98
81) Benzo(a)anthracene	14.039	228	423511	54.315	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	85782	36.643	ng		99
83) Chrysene	14.074	228	368650	51.706	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	239318	48.306	ng		99
85) Di-n-octyl phthalate	14.639	149	394039	58.199	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	497948	61.404	ng		99
88) Benzo(b)fluoranthene	15.116	252	408661	52.285	ng		100
89) Benzo(k)fluoranthene	15.145	252	316837	46.323	ng		100
90) Benzo(a)pyrene	15.492	252	355825	55.991	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	404119	60.849	ng		99
92) Benzo(g,h,i)perylene	17.533	276	374022	55.189	ng		99

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

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