Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
Data File : BF141102.D
Acq On : 09 Jan 2025 14:08
Operator : RC/JU
Sample : PB165977BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165977BS

Quant Time: Jan 09 17:49:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	163715	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	646760	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	349870	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	581581	20.000	ng	0.00
76) Chrysene-d12	13.986	240	338618	20.000	ng	0.00
86) Perylene-d12	15.445	264	337937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1264259	116.404	ng	0.01
7) Phenol-d6	6.457	99	1612214	115.231	ng	0.00
23) Nitrobenzene-d5	7.392	82	1044057	103.279	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	526714	154.929	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1896462	86.361	ng	0.00
79) Terphenyl-d14	12.933	244	2023410	99.253	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	167125	33.989	ng	97
3) Pyridine	3.387	79	446055	37.120	ng	97
4) n-Nitrosodimethylamine	3.328	42	245388	40.303	ng	96
6) Aniline	6.487	93	430852	34.529	ng	93
8) 2-Chlorophenol	6.610	128	507097	44.285	ng	97
9) Benzaldehyde	6.375	77	168930	20.706	ng	97
10) Phenol	6.469	94	605771	41.872	ng	92
11) bis(2-Chloroethyl)ether	6.563	93	467288	40.003	ng	97
12) 1,3-Dichlorobenzene	6.769	146	521825	41.293	ng	99
13) 1,4-Dichlorobenzene	6.845	146	527444	41.403	ng	99
14) 1,2-Dichlorobenzene	6.998	146	504013	42.433	ng	98
15) Benzyl Alcohol	6.969	79	444884	44.249	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	688943	38.999	ng	97
17) 2-Methylphenol	7.081	107	406258	42.705	ng	98
18) Hexachloroethane	7.339	117	198073	43.769	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	348102	40.612	ng	99
20) 3+4-Methylphenols	7.228	107	502858	41.771	ng	92
22) Acetophenone	7.239	105	661562	41.697	ng	99
24) Nitrobenzene	7.410	77	526308	46.593	ng	97
25) Isophorone	7.651	82	949753	43.175	ng	99
26) 2-Nitrophenol	7.728	139	262605	55.764	ng	97
27) 2,4-Dimethylphenol	7.763	122	410683	51.083	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	571807	41.026	ng	100
29) 2,4-Dichlorophenol	7.963	162	417368	45.774	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	432934	41.950	ng	100
31) Naphthalene	8.133	128	1428376	41.912	ng	100
32) Benzoic acid	7.875	122	332334	49.873	ng	97
33) 4-Chloroaniline	8.175	127	162143	13.151	ng	99
34) Hexachlorobutadiene	8.251	225	268635	44.154	ng	99
35) Caprolactam	8.545	113	136324m	43.979	ng	
36) 4-Chloro-3-methylphenol	8.657	107	453808	44.815	ng	100
37) 2-Methylnaphthalene	8.822	142	955968	43.847	ng	100
38) 1-Methylnaphthalene	8.922	142	883395	41.228	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	428914	44.561	ng	99
41) Hexachlorocyclopentadiene	8.975	237	545955	171.160	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	306162	47.792	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	311463	47.517	ng		98
46) 1,1'-Biphenyl	9.286	154	1176705	43.924	ng		99
47) 2-Chloronaphthalene	9.310	162	880416	42.374	ng		100
48) 2-Nitroaniline	9.404	65	280736	51.296	ng		93
49) Acenaphthylene	9.727	152	1381946	46.204	ng		99
50) Dimethylphthalate	9.586	163	1063383	46.207	ng		100
51) 2,6-Dinitrotoluene	9.645	165	238429	50.589	ng		96
52) Acenaphthene	9.898	154	1023133	50.599	ng		99
53) 3-Nitroaniline	9.810	138	126459	26.356	ng	#	93
54) 2,4-Dinitrophenol	9.922	184	254495	113.821	ng	#	1
55) Dibenzofuran	10.069	168	1271662	44.751	ng		100
56) 4-Nitrophenol	9.969	139	392516	99.710	ng		98
57) 2,4-Dinitrotoluene	10.051	165	323690	55.578	ng		94
58) Fluorene	10.410	166	956841	43.423	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	274318	50.532	ng		98
60) Diethylphthalate	10.286	149	1043325	45.922	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	475480	44.844	ng		99
62) 4-Nitroaniline	10.427	138	237375	46.655	ng		96
63) Azobenzene	10.563	77	1014254	42.532	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	173120	69.469	ng		92
66) n-Nitrosodiphenylamine	10.522	169	871079	47.564	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	307641	48.933	ng		99
68) Hexachlorobenzene	10.957	284	335400	48.382	ng		99
69) Atrazine	11.051	200	299674	58.572	ng		99
70) Pentachlorophenol	11.151	266	417146	96.647	ng		100
71) Phenanthrene	11.374	178	1449192	47.345	ng		99
72) Anthracene	11.427	178	1463180	48.784	ng		100
73) Carbazole	11.580	167	1263467	43.820	ng		99
74) Di-n-butylphthalate	11.910	149	1510897	46.071	ng		100
75) Fluoranthene	12.563	202	1393123	41.965	ng		97
77) Benzidine	12.680	184	272893	38.133	ng		99
78) Pyrene	12.786	202	1406731	47.501	ng		99
80) Butylbenzylphthalate	13.410	149	519872	48.074	ng		98
81) Benzo(a)anthracene	13.974	228	1049935	44.489	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	187656	26.466	ng		99
83) Chrysene	14.015	228	904722	42.526	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	605768	43.185	ng		99
85) Di-n-octyl phthalate	14.592	149	957112	47.143	ng		97
87) Indeno(1,2,3-cd)pyrene	16.904	276	1166296	54.779	ng		96
88) Benzo(b)fluoranthene	15.021	252	980521	41.602	ng		99
89) Benzo(k)fluoranthene	15.051	252	818345	44.300	ng		99
90) Benzo(a)pyrene	15.386	252	865972	47.337	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	943019	54.641	ng		97
92) Benzo(g,h,i)perylene	17.345	276	889060	49.667	ng		98

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

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