Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
Data File : BF142221.D
Acq On : 23 Apr 2025 12:47
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Apr 23 14:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 23 14:31:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	452892	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	1665134	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	941522	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1661217	20.000	ng	0.00
76) Chrysene-d12	14.021	240	1018842	20.000	ng	0.00
86) Perylene-d12	15.492	264	1099732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2068861	77.852	ng	0.00
7) Phenol-d6	6.492	99	2525955	77.555	ng	0.00
23) Nitrobenzene-d5	7.422	82	2208848	79.036	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1063038	80.547	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	4478090	76.534	ng	0.00
79) Terphenyl-d14	12.968	244	4944220	78.871	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	417103	39.055	ng	100
3) Pyridine	3.375	79	1015140	39.722	ng	100
4) n-Nitrosodimethylamine	3.322	42	408476	39.678	ng	100
6) Aniline	6.522	93	1164713	39.722	ng	100
8) 2-Chlorophenol	6.645	128	1127228	38.775	ng	100
9) Benzaldehyde	6.410	77	682744	38.559	ng	100
10) Phenol	6.504	94	1338006	39.156	ng	100
11) bis(2-Chloroethyl)ether	6.598	93	962304	38.944	ng	100
12) 1,3-Dichlorobenzene	6.804	146	1243149	38.792	ng	100
13) 1,4-Dichlorobenzene	6.881	146	1258630	38.706	ng	100
14) 1,2-Dichlorobenzene	7.034	146	1176632	38.612	ng	100
15) Benzyl Alcohol	7.004	79	949568	39.948	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	951681	38.732	ng	100
17) 2-Methylphenol	7.116	107	854801	38.619	ng	100
18) Hexachloroethane	7.375	117	442548	39.000	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	694495	38.464	ng	100
20) 3+4-Methylphenols	7.269	107	1079003	38.768	ng	100
22) Acetophenone	7.269	105	1491090	38.709	ng	100
24) Nitrobenzene	7.445	77	1087607	39.394	ng	100
25) Isophorone	7.681	82	1778317	38.807	ng	100
26) 2-Nitrophenol	7.757	139	603728	39.819	ng	100
27) 2,4-Dimethylphenol	7.792	122	686459	38.961	ng	100
28) bis(2-Chloroethoxy)met...	7.886	93	1143730	38.695	ng	100
29) 2,4-Dichlorophenol	7.998	162	975830	39.313	ng	100
30) 1,2,4-Trichlorobenzene	8.081	180	1096565	39.155	ng	100
31) Naphthalene	8.163	128	3217163	39.309	ng	100
32) Benzoic acid	7.910	122	638269	40.006	ng	100
33) 4-Chloroaniline	8.210	127	1154997	40.074	ng	100
34) Hexachlorobutadiene	8.281	225	719190	38.957	ng	100
35) Caprolactam	8.581	113	288992	39.643	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	1029131	39.883	ng	100
37) 2-Methylnaphthalene	8.851	142	2147112	39.096	ng	100
38) 1-Methylnaphthalene	8.951	142	2093555	39.127	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	1154144	38.446	ng	100
41) Hexachlorocyclopentadiene	9.004	237	356494	39.684	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	727004	40.030	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	761136	39.084	ng	100
46) 1,1'-Biphenyl	9.316	154	2699247	38.933	ng	100
47) 2-Chloronaphthalene	9.345	162	2048403	38.531	ng	100
48) 2-Nitroaniline	9.439	65	551010	40.047	ng	100
49) Acenaphthylene	9.757	152	2989606	38.771	ng	100
50) Dimethylphthalate	9.616	163	2456311	38.849	ng	100
51) 2,6-Dinitrotoluene	9.680	165	555795	39.476	ng	100
52) Acenaphthene	9.933	154	2165517	39.291	ng	100
53) 3-Nitroaniline	9.851	138	545135	39.560	ng	100
54) 2,4-Dinitrophenol	9.957	184	320353	42.007	ng	100
55) Dibenzofuran	10.104	168	2995988	38.560	ng	100
56) 4-Nitrophenol	10.016	139	421676	42.006	ng	100
57) 2,4-Dinitrotoluene	10.086	165	743821	39.428	ng	100
58) Fluorene	10.445	166	2353207	38.629	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	709998	40.183	ng	100
60) Diethylphthalate	10.316	149	2357816	38.993	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	1250782	38.782	ng	100
62) 4-Nitroaniline	10.463	138	548882	40.267	ng	100
63) Azobenzene	10.598	77	2058692	39.252	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	454423	41.010	ng	100
66) n-Nitrosodiphenylamine	10.557	169	1984314	38.877	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	818659	39.263	ng	100
68) Hexachlorobenzene	10.992	284	963393	38.919	ng	100
69) Atrazine	11.080	200	489530	33.812	ng	100
70) Pentachlorophenol	11.192	266	559515	41.455	ng	100
71) Phenanthrene	11.410	178	3333832	38.841	ng	100
72) Anthracene	11.457	178	3346551	38.987	ng	100
73) Carbazole	11.616	167	2929273	39.301	ng	100
74) Di-n-butylphthalate	11.939	149	3356278	39.628	ng	100
75) Fluoranthene	12.598	202	3463171	38.721	ng	100
77) Benzidine	12.721	184	676539	44.483	ng	100
78) Pyrene	12.827	202	3411685	40.111	ng	100
80) Butylbenzylphthalate	13.439	149	995688	40.432	ng	100
81) Benzo(a)anthracene	14.010	228	2459630	38.144	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	763937	38.875	ng	100
83) Chrysene	14.051	228	2367854	39.774	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	1186990	40.370	ng	100
85) Di-n-octyl phthalate	14.610	149	1996535	39.564	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	3041827	38.613	ng	100
88) Benzo(b)fluoranthene	15.062	252	2443818	38.393	ng	100
89) Benzo(k)fluoranthene	15.092	252	2339482	39.574	ng	100
90) Benzo(a)pyrene	15.427	252	2210229	39.346	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	2524348	39.129	ng	100
92) Benzo(g,h,i)perylene	17.421	276	2607241	38.946	ng	100

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

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