Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141953.D
Acq On : 13 Mar 2025 21:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Mar 14 10:40:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	207617	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	797299	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	438637	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	703968	20.000	ng		0.00
76) Chrysene-d12	14.033	240	419686	20.000	ng		0.00
86) Perylene-d12	15.504	264	434165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	943806	75.869	ng		0.00
7) Phenol-d6	6.504	99	1180988	74.563	ng		0.00
23) Nitrobenzene-d5	7.439	82	1099994	77.641	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	426191	76.588	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2237192	77.566	ng		0.00
79) Terphenyl-d14	12.980	244	2129584	75.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	202835	38.914	ng		99
3) Pyridine	3.428	79	500347	39.134	ng		99
4) n-Nitrosodimethylamine	3.381	42	229651	37.680	ng		97
6) Aniline	6.540	93	573166	36.683	ng		100
8) 2-Chlorophenol	6.663	128	517898	37.538	ng		99
9) Benzaldehyde	6.428	77	336866	38.029	ng		99
10) Phenol	6.516	94	615687	36.950	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	462710	36.982	ng		99
12) 1,3-Dichlorobenzene	6.822	146	561507	37.697	ng		98
13) 1,4-Dichlorobenzene	6.898	146	575720	38.201	ng		99
14) 1,2-Dichlorobenzene	7.051	146	536754	37.813	ng		98
15) Benzyl Alcohol	7.016	79	480799	37.549	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	519768	34.410	ng		99
17) 2-Methylphenol	7.122	107	410648	37.434	ng		99
18) Hexachloroethane	7.392	117	212459	37.594	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	355924	34.972	ng		99
20) 3+4-Methylphenols	7.281	107	511348	36.392	ng	#	86
22) Acetophenone	7.287	105	712801	37.332	ng		98
24) Nitrobenzene	7.463	77	544573	38.665	ng		99
25) Isophorone	7.698	82	919502	36.716	ng		100
26) 2-Nitrophenol	7.775	139	283537	41.017	ng		100
27) 2,4-Dimethylphenol	7.804	122	358162	37.628	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	579672	36.904	ng		99
29) 2,4-Dichlorophenol	8.010	162	455594	38.562	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	500991	38.479	ng		100
31) Naphthalene	8.181	128	1546595	37.762	ng		100
32) Benzoic acid	7.922	122	346469	41.409	ng		98
33) 4-Chloroaniline	8.228	127	526586	36.422	ng		99
34) Hexachlorobutadiene	8.298	225	333569	39.285	ng		99
35) Caprolactam	8.604	113	129912	36.067	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	484274	36.745	ng		97
37) 2-Methylnaphthalene	8.869	142	1029160	37.594	ng		100
38) 1-Methylnaphthalene	8.969	142	992564	37.573	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	530397	39.716	ng		98
41) Hexachlorocyclopentadiene	9.022	237	186666	35.715	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	335808	38.476	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	349464	39.534	ng		99
46) 1,1'-Biphenyl	9.333	154	1287208	38.622	ng		100
47) 2-Chloronaphthalene	9.363	162	955147	38.450	ng		99
48) 2-Nitroaniline	9.451	65	272886	37.940	ng		99
49) Acenaphthylene	9.775	152	1398235	37.930	ng		100
50) Dimethylphthalate	9.633	163	1148971	37.405	ng		100
51) 2,6-Dinitrotoluene	9.698	165	247482	38.696	ng		93
52) Acenaphthene	9.951	154	979564	37.812	ng		99
53) 3-Nitroaniline	9.863	138	239904	36.980	ng		99
54) 2,4-Dinitrophenol	9.969	184	109128	34.138	ng	#	55
55) Dibenzofuran	10.122	168	1383152	37.366	ng		98
56) 4-Nitrophenol	10.016	139	182500	37.303	ng		98
57) 2,4-Dinitrotoluene	10.098	165	319584	38.259	ng		99
58) Fluorene	10.463	166	1057192	37.035	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	308054	38.297	ng		98
60) Diethylphthalate	10.333	149	1138813	37.182	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	560436	37.657	ng		99
62) 4-Nitroaniline	10.475	138	232660	36.837	ng		98
63) Azobenzene	10.610	77	1035198	36.354	ng		100
65) 4,6-Dinitro-2-methylph...	10.504	198	161571	38.500	ng		99
66) n-Nitrosodiphenylamine	10.569	169	899665	39.492	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	356422	40.315	ng		97
68) Hexachlorobenzene	11.010	284	385468	39.753	ng		95
69) Atrazine	11.092	200	227207	32.534	ng		99
70) Pentachlorophenol	11.198	266	236256	39.545	ng		99
71) Phenanthrene	11.422	178	1442335	37.933	ng		100
72) Anthracene	11.474	178	1449461	37.996	ng		100
73) Carbazole	11.627	167	1207616	36.707	ng		100
74) Di-n-butylphthalate	11.957	149	1673605	38.339	ng		100
75) Fluoranthene	12.610	202	1369471	33.953	ng		99
77) Benzidine	12.727	184	391811	66.914	ng		99
78) Pyrene	12.839	202	1331914	36.689	ng		99
80) Butylbenzylphthalate	13.451	149	535785	37.707	ng		99
81) Benzo(a)anthracene	14.021	228	1036067	37.620	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	349082	43.862	ng		99
83) Chrysene	14.063	228	973692	39.004	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	739989	37.771	ng		100
85) Di-n-octyl phthalate	14.621	149	1137319	41.722	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	997080	35.502	ng		99
88) Benzo(b)fluoranthene	15.074	252	1037144	34.855	ng		100
89) Benzo(k)fluoranthene	15.104	252	952480	37.405	ng		99
90) Benzo(a)pyrene	15.439	252	883339	37.940	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	841233	36.303	ng		99
92) Benzo(g,h,i)perylene	17.433	276	778601	34.001	ng		99

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

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