Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142441.D
Acq On : 19 May 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 19 10:33:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	140943	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	537518	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	282968	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	485793	20.000	ng	0.00
76) Chrysene-d12	14.068	240	261281	20.000	ng	0.00
86) Perylene-d12	15.557	264	285078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	691612	83.767	ng	0.00
7) Phenol-d6	6.528	99	835018	82.229	ng	0.00
23) Nitrobenzene-d5	7.469	82	809605	91.858	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	260814	95.466	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1592797	80.261	ng	0.00
79) Terphenyl-d14	13.010	244	1444134	81.807	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	144260	38.800	ng	98
3) Pyridine	3.451	79	372435	42.665	ng	97
4) n-Nitrosodimethylamine	3.404	42	191012	37.650	ng	93
6) Aniline	6.563	93	565664	56.792	ng	100
8) 2-Chlorophenol	6.687	128	380141	43.086	ng	98
9) Benzaldehyde	6.451	77	237542	39.968	ng	100
10) Phenol	6.539	94	482025	44.781	ng	96
11) bis(2-Chloroethyl)ether	6.639	93	340196	32.049	ng	97
12) 1,3-Dichlorobenzene	6.845	146	415545	41.168	ng	98
13) 1,4-Dichlorobenzene	6.922	146	421036	41.544	ng	99
14) 1,2-Dichlorobenzene	7.075	146	398761	40.991	ng	99
15) Benzyl Alcohol	7.039	79	304959	46.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	575521	36.307	ng	98
17) 2-Methylphenol	7.151	107	292856	40.999	ng	99
18) Hexachloroethane	7.416	117	144905	42.973	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	242886	38.668	ng	97
20) 3+4-Methylphenols	7.304	107	371253	41.645	ng	95
22) Acetophenone	7.310	105	480166	40.176	ng	95
24) Nitrobenzene	7.486	77	370305	44.572	ng	98
25) Isophorone	7.722	82	660518	39.576	ng	99
26) 2-Nitrophenol	7.798	139	199790	49.731	ng	99
27) 2,4-Dimethylphenol	7.834	122	348428	41.523	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	411744	38.366	ng	100
29) 2,4-Dichlorophenol	8.039	162	314216	44.045	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	338179	42.121	ng	99
31) Naphthalene	8.210	128	1066592	40.942	ng	100
32) Benzoic acid	7.939	122	213916	47.644	ng	99
33) 4-Chloroaniline	8.251	127	435130	40.933	ng	99
34) Hexachlorobutadiene	8.328	225	207500	43.646	ng	99
35) Caprolactam	8.622	113	94170	45.292	ng	90
36) 4-Chloro-3-methylphenol	8.728	107	313232	42.238	ng	98
37) 2-Methylnaphthalene	8.898	142	657251	40.602	ng	99
38) 1-Methylnaphthalene	8.998	142	680639	40.341	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	330821	41.860	ng	99
41) Hexachlorocyclopentadiene	9.051	237	231391	47.375	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	228513	45.840	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	238350	44.937	ng		99
46) 1,1'-Biphenyl	9.363	154	877251	40.433	ng		99
47) 2-Chloronaphthalene	9.386	162	656341	40.678	ng		99
48) 2-Nitroaniline	9.480	65	199891	48.333	ng		93
49) Acenaphthylene	9.804	152	1099351	40.729	ng		100
50) Dimethylphthalate	9.663	163	752233	41.399	ng		99
51) 2,6-Dinitrotoluene	9.722	165	167128	49.139	ng		89
52) Acenaphthene	9.975	154	671611	41.382	ng		99
53) 3-Nitroaniline	9.892	138	189323	47.463	ng		93
54) 2,4-Dinitrophenol	9.992	184	88739	52.757	ng	#	24
55) Dibenzofuran	10.145	168	963600	40.230	ng		99
56) 4-Nitrophenol	10.039	139	146490	48.796	ng		98
57) 2,4-Dinitrotoluene	10.122	165	226288	51.869	ng		95
58) Fluorene	10.492	166	728683	39.864	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	200767	45.852	ng		98
60) Diethylphthalate	10.357	149	724798	39.943	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	353762	40.114	ng		99
62) 4-Nitroaniline	10.504	138	171811	54.345	ng		99
63) Azobenzene	10.639	77	664469	38.321	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	116161	50.803	ng		92
66) n-Nitrosodiphenylamine	10.598	169	646688	40.005	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	226238	41.092	ng		99
68) Hexachlorobenzene	11.039	284	255524	42.193	ng		94
69) Atrazine	11.122	200	185714	43.582	ng		99
70) Pentachlorophenol	11.227	266	154590	48.523	ng		97
71) Phenanthrene	11.451	178	1023301	40.186	ng		99
72) Anthracene	11.504	178	1061876	40.585	ng		99
73) Carbazole	11.657	167	944127	40.221	ng		99
74) Di-n-butylphthalate	11.986	149	994577	40.294	ng		99
75) Fluoranthene	12.639	202	1000110	39.290	ng		99
77) Benzidine	12.763	184	369422	77.802	ng		98
78) Pyrene	12.868	202	997434	42.888	ng		100
80) Butylbenzylphthalate	13.486	149	280970	41.901	ng		97
81) Benzo(a)anthracene	14.057	228	700998	41.428	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	224828	57.136	ng		99
83) Chrysene	14.092	228	648721	41.183	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	376713	43.096	ng		99
85) Di-n-octyl phthalate	14.657	149	722027	45.748	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	870689	43.906	ng		98
88) Benzo(b)fluoranthene	15.121	252	695598	40.287	ng		98
89) Benzo(k)fluoranthene	15.151	252	639163	40.452	ng		99
90) Benzo(a)pyrene	15.492	252	661378	42.746	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	704528	43.003	ng		98
92) Benzo(g,h,i)perylene	17.527	276	691150	42.505	ng		97

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

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