Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143467.D
Acq On : 19 Aug 2025 21:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 20 01:13:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	147001	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	568353	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	319216	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	497766	20.000	ng		0.00
76) Chrysene-d12	14.086	240	250755	20.000	ng		0.00
86) Perylene-d12	15.580	264	322483	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	651681	77.063	ng		0.00
7) Phenol-d6	6.569	99	810659	76.067	ng		0.01
23) Nitrobenzene-d5	7.492	82	751102	78.419	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	234186	82.423	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1412061	74.403	ng		0.00
79) Terphenyl-d14	13.027	244	1202328	80.546	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	146822	36.069	ng		99
3) Pyridine	3.510	79	401952	37.650	ng		99
4) n-Nitrosodimethylamine	3.451	42	183414	36.962	ng		99
6) Aniline	6.592	93	541211	37.408	ng	#	84
8) 2-Chlorophenol	6.722	128	359959	38.556	ng		98
9) Benzaldehyde	6.481	77	206309	36.390	ng		99
10) Phenol	6.581	94	467675	37.606	ng		88
11) bis(2-Chloroethyl)ether	6.657	93	350118	37.981	ng		99
12) 1,3-Dichlorobenzene	6.869	146	399618	38.211	ng		100
13) 1,4-Dichlorobenzene	6.945	146	397909	38.110	ng		99
14) 1,2-Dichlorobenzene	7.098	146	380227	38.127	ng		100
15) Benzyl Alcohol	7.069	79	316640	40.289	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	566171	35.926	ng		87
17) 2-Methylphenol	7.186	107	297985	39.119	ng		96
18) Hexachloroethane	7.439	117	137124	38.584	ng		99
19) n-Nitroso-di-n-propyla...	7.339	70	251413	38.106	ng		98
20) 3+4-Methylphenols	7.333	107	355314	39.019	ng		98
22) Acetophenone	7.333	105	468552	38.343	ng		99
24) Nitrobenzene	7.510	77	388970	38.856	ng		98
25) Isophorone	7.751	82	709013	38.677	ng		98
26) 2-Nitrophenol	7.828	139	198785	42.835	ng		97
27) 2,4-Dimethylphenol	7.863	122	297656	37.936	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	428630	38.041	ng		100
29) 2,4-Dichlorophenol	8.075	162	319341	39.925	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	319896	39.033	ng		99
31) Naphthalene	8.233	128	1040844	38.574	ng		100
32) Benzoic acid	7.981	122	166490	40.799	ng		98
33) 4-Chloroaniline	8.281	127	378466	38.858	ng		99
34) Hexachlorobutadiene	8.351	225	206983	39.606	ng		99
35) Caprolactam	8.651	113	94525	41.047	ng		92
36) 4-Chloro-3-methylphenol	8.763	107	328624	39.893	ng		99
37) 2-Methylnaphthalene	8.922	142	699809	38.477	ng		99
38) 1-Methylnaphthalene	9.022	142	676261	38.808	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	342606	38.484	ng		99
41) Hexachlorocyclopentadiene	9.080	237	114131	38.850	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	226922	40.862	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	235557	39.571	ng	98
46) 1,1'-Biphenyl	9.386	154	853833	38.069	ng	99
47) 2-Chloronaphthalene	9.410	162	670409	37.867	ng	99
48) 2-Nitroaniline	9.504	65	213574	40.537	ng	97
49) Acenaphthylene	9.827	152	978991	38.299	ng	99
50) Dimethylphthalate	9.675	163	769511	38.666	ng	100
51) 2,6-Dinitrotoluene	9.739	165	166212	42.366	ng	99
52) Acenaphthene	9.998	154	658924	38.327	ng	99
53) 3-Nitroaniline	9.916	138	178983	40.955	ng	96
54) 2,4-Dinitrophenol	10.022	184	72536	42.672	ng	93
55) Dibenzofuran	10.169	168	941473	37.961	ng	99
56) 4-Nitrophenol	10.080	139	102638	37.356	ng	96
57) 2,4-Dinitrotoluene	10.145	165	225523	43.116	ng	96
58) Fluorene	10.510	166	721738	37.880	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	183627	40.750	ng	98
60) Diethylphthalate	10.380	149	716042	38.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	366985	38.958	ng	99
62) 4-Nitroaniline	10.527	138	164919	40.352	ng	99
63) Azobenzene	10.663	77	705357	37.947	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	114424	44.552	ng	94
66) n-Nitrosodiphenylamine	10.622	169	608957	37.625	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	232201	39.504	ng	99
68) Hexachlorobenzene	11.063	284	241278	38.612	ng	99
69) Atrazine	11.145	200	193269	40.826	ng	99
70) Pentachlorophenol	11.263	266	116712	42.471	ng	98
71) Phenanthrene	11.474	178	998054	37.027	ng	100
72) Anthracene	11.527	178	1027828	37.753	ng	100
73) Carbazole	11.680	167	848303	36.841	ng	100
74) Di-n-butylphthalate	12.004	149	924708	40.328	ng	99
75) Fluoranthene	12.663	202	881991	36.825	ng	99
77) Benzidine	12.780	184	280211	37.421	ng	98
78) Pyrene	12.892	202	870801	39.954	ng	100
80) Butylbenzylphthalate	13.498	149	249150	46.153	ng	98
81) Benzo(a)anthracene	14.080	228	634849	39.766	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	196817	42.107	ng	99
83) Chrysene	14.115	228	560755	37.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	340290	44.387	ng	99
85) Di-n-octyl phthalate	14.668	149	676789	43.525	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	942193	38.961	ng	99
88) Benzo(b)fluoranthene	15.139	252	714218	41.323	ng	99
89) Benzo(k)fluoranthene	15.168	252	610255	35.798	ng	99
90) Benzo(a)pyrene	15.515	252	650616	39.522	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	756337	38.946	ng	100
92) Benzo(g,h,i)perylene	17.562	276	743617	38.330	ng	99

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

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