Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	448972	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247780	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259802	20.000	ng	0.00
86) Perylene-d12	15.539	264	249446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	537941	74.908	ng	0.00
7) Phenol-d6	6.498	99	637597	74.487	ng	-0.02
23) Nitrobenzene-d5	7.445	82	549291	74.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	176914	71.685	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1055942	67.621	ng	-0.01
79) Terphenyl-d14	13.004	244	1131636	74.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	123809	37.256	ng	99
3) Pyridine	3.410	79	341125	35.261	ng	99
4) n-Nitrosodimethylamine	3.357	42	195710	38.456	ng	97
6) Aniline	6.545	93	486607	37.937	ng	99
8) 2-Chlorophenol	6.663	128	267562	38.116	ng	98
9) Benzaldehyde	6.434	77	245247	37.141	ng	99
10) Phenol	6.516	94	383770m	37.501	ng	
11) bis(2-Chloroethyl)ether	6.616	93	289024	36.561	ng	99
12) 1,3-Dichlorobenzene	6.822	146	317865	37.828	ng	100
13) 1,4-Dichlorobenzene	6.898	146	318221	38.392	ng	100
14) 1,2-Dichlorobenzene	7.051	146	314832	39.655	ng	99
15) Benzyl Alcohol	7.022	79	249958	38.974	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	676009	37.568	ng	99
17) 2-Methylphenol	7.128	107	222497	38.352	ng	96
18) Hexachloroethane	7.398	117	104363	37.755	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	214516	36.612	ng	98
20) 3+4-Methylphenols	7.281	107	268144	39.880	ng	94
22) Acetophenone	7.292	105	358014	37.713	ng	96
24) Nitrobenzene	7.463	77	309611	37.727	ng	100
25) Isophorone	7.704	82	550779	35.347	ng	99
26) 2-Nitrophenol	7.781	139	136223	38.717	ng	99
27) 2,4-Dimethylphenol	7.810	122	258524	40.847	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	360632	36.639	ng	98
29) 2,4-Dichlorophenol	8.016	162	243265	36.899	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	243161	37.503	ng	98
31) Naphthalene	8.186	128	749110	36.679	ng	99
32) Benzoic acid	7.904	122	154019	35.162	ng	98
33) 4-Chloroaniline	8.233	127	321328	41.950	ng	98
34) Hexachlorobutadiene	8.304	225	158600	35.201	ng	95
35) Caprolactam	8.598	113	79102	37.736	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	228481	36.079	ng	99
37) 2-Methylnaphthalene	8.881	142	452442	33.257	ng	99
38) 1-Methylnaphthalene	8.980	142	465414	35.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	254223	37.122	ng	98
41) Hexachlorocyclopentadiene	9.033	237	139168	48.984	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	183769	36.726	ng	98

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44) 2,4,5-Trichlorophenol	9.192	196	186099	35.194	ng		96
46) 1,1'-Biphenyl	9.345	154	603213	36.770	ng		98
47) 2-Chloronaphthalene	9.369	162	498615	36.454	ng		97
48) 2-Nitroaniline	9.463	65	168191	38.894	ng		99
49) Acenaphthylene	9.786	152	785697	40.859	ng		99
50) Dimethylphthalate	9.645	163	565953	35.968	ng		99
51) 2,6-Dinitrotoluene	9.704	165	122449	41.967	ng		99
52) Acenaphthene	9.957	154	452513	35.913	ng		99
53) 3-Nitroaniline	9.875	138	144668	40.493	ng		95
54) 2,4-Dinitrophenol	9.975	184	52796	33.731	ng	#	42
55) Dibenzofuran	10.127	168	653073	36.717	ng		99
56) 4-Nitrophenol	10.022	139	99684	36.850	ng		96
57) 2,4-Dinitrotoluene	10.104	165	163440	41.169	ng		99
58) Fluorene	10.475	166	476811	35.527	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144064	38.488	ng		93
60) Diethylphthalate	10.345	149	533574	36.501	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	256247	36.113	ng		96
62) 4-Nitroaniline	10.486	138	127369	37.074	ng		99
63) Azobenzene	10.627	77	562787	36.837	ng		100
65) 4,6-Dinitro-2-methylph...	10.516	198	80422	37.083	ng		96
66) n-Nitrosodiphenylamine	10.580	169	496618	36.649	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	162033	33.973	ng		95
68) Hexachlorobenzene	11.022	284	190028	34.415	ng		99
69) Atrazine	11.110	200	160244	39.016	ng		98
70) Pentachlorophenol	11.216	266	104958	33.097	ng		99
71) Phenanthrene	11.439	178	743609	35.542	ng		99
72) Anthracene	11.492	178	766674	36.273	ng		99
73) Carbazole	11.645	167	678522	36.246	ng		99
74) Di-n-butylphthalate	11.974	149	806451	37.171	ng		99
75) Fluoranthene	12.627	202	778418	36.019	ng		99
77) Benzidine	12.751	184	409653	45.411	ng		98
78) Pyrene	12.863	202	789075	36.431	ng		99
80) Butylbenzylphthalate	13.480	149	274237	38.986	ng		98
81) Benzo(a)anthracene	14.051	228	614473	36.142	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	221480	42.747	ng		99
83) Chrysene	14.086	228	594668	37.792	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	326966	38.560	ng		99
85) Di-n-octyl phthalate	14.657	149	502989	36.116	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	563492	36.867	ng		98
88) Benzo(b)fluoranthene	15.104	252	537814	37.533	ng		99
89) Benzo(k)fluoranthene	15.133	252	467396	35.252	ng		100
90) Benzo(a)pyrene	15.474	252	470896	37.900	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	454776	36.995	ng		97
92) Benzo(g,h,i)perylene	17.486	276	456833	37.162	ng		98

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

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