Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144088.D
Acq On : 27 Oct 2025 17:33
Operator : RC/JU
Sample : Q3395-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

Quant Time: Oct 27 18:01:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	51273	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	192222	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	110360	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	190166	20.000	ng		0.00
76) Chrysene-d12	14.063	240	124342	20.000	ng		0.00
86) Perylene-d12	15.545	264	167596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	89842	27.722	ng		0.00
7) Phenol-d6	6.498	99	145881	40.759	ng		0.00
23) Nitrobenzene-d5	7.439	82	146415	41.731	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	110549	78.639	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	322094	41.071	ng		0.00
79) Terphenyl-d14	12.998	244	346001	48.647	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.399	79	11022	2.940	ng		97
6) Aniline	6.540	93	178361	34.833	ng		95
8) 2-Chlorophenol	6.663	128	104258	32.667	ng		97
9) Benzaldehyde	6.428	77	46073	16.580	ng		96
10) Phenol	6.516	94	107710	24.393	ng		94
11) bis(2-Chloroethyl)ether	6.610	93	108802	34.100	ng		98
12) 1,3-Dichlorobenzene	6.816	146	141762	36.008	ng		98
13) 1,4-Dichlorobenzene	6.892	146	142845	36.817	ng		97
14) 1,2-Dichlorobenzene	7.045	146	137904	36.734	ng		99
15) Benzyl Alcohol	7.016	79	102943	35.373	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	231281	38.568	ng		99
17) 2-Methylphenol	7.128	107	85429	34.803	ng		97
18) Hexachloroethane	7.392	117	49986	36.035	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	91377	39.481	ng		97
20) 3+4-Methylphenols	7.281	107	105537	36.370	ng	#	84
22) Acetophenone	7.287	105	175234	42.183	ng		95
24) Nitrobenzene	7.457	77	136537	36.788	ng		99
25) Isophorone	7.698	82	251531	41.006	ng		99
26) 2-Nitrophenol	7.775	139	69786	39.525	ng		99
27) 2,4-Dimethylphenol	7.810	122	116871	44.542	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	159521	41.701	ng		100
29) 2,4-Dichlorophenol	8.016	162	123665	40.529	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	128715	41.004	ng		99
31) Naphthalene	8.186	128	361647	39.862	ng		99
32) Benzoic acid	7.928	122	82195	49.386	ng	#	84
33) 4-Chloroaniline	8.234	127	148010	46.864	ng		98
34) Hexachlorobutadiene	8.298	225	97674	38.053	ng		98
35) Caprolactam	8.592	113	42500m	55.543	ng		
36) 4-Chloro-3-methylphenol	8.710	107	124875	46.375	ng		94
37) 2-Methylnaphthalene	8.875	142	229962	38.446	ng		97
38) 1-Methylnaphthalene	8.975	142	234410	41.364	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	158893	41.893	ng		99
41) Hexachlorocyclopentadiene	9.028	237	98769	84.312	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	104110	42.230	ng		100
44) 2,4,5-Trichlorophenol	9.198	196	109480	42.313	ng		97
46) 1,1'-Biphenyl	9.339	154	342073	43.300	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.363	162	265148	40.062	ng	97
48) 2-Nitroaniline	9.463	65	90721	46.160	ng	97
49) Acenaphthylene	9.780	152	418223	46.864	ng	99
50) Dimethylphthalate	9.639	163	339418	46.921	ng	100
51) 2,6-Dinitrotoluene	9.704	165	70642	49.397	ng	92
52) Acenaphthene	9.957	154	256838	43.094	ng	97
53) 3-Nitroaniline	9.875	138	79404	49.940	ng	100
54) 2,4-Dinitrophenol	9.980	184	50277	65.002	ng	97
55) Dibenzofuran	10.128	168	364175	44.014	ng	97
56) 4-Nitrophenol	10.039	139	97407	90.471	ng	93
57) 2,4-Dinitrotoluene	10.110	165	99455	51.529	ng	96
58) Fluorene	10.469	166	285815	45.336	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	93028m	51.023	ng	
60) Diethylphthalate	10.339	149	320790	47.155	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	154764	43.653	ng	99
62) 4-Nitroaniline	10.486	138	73850	49.021	ng	97
63) Azobenzene	10.622	77	310419	48.211	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	47209	38.693	ng	95
66) n-Nitrosodiphenylamine	10.580	169	289286	47.612	ng	96
67) 4-Bromophenyl-phenylether	10.951	248	103916	43.644	ng	97
68) Hexachlorobenzene	11.022	284	131574	45.058	ng	96
69) Atrazine	11.110	200	100516	50.415	ng	99
70) Pentachlorophenol	11.216	266	127907	92.022	ng	97
71) Phenanthrene	11.433	178	444051	47.006	ng	98
72) Anthracene	11.486	178	447311	45.838	ng	99
73) Carbazole	11.645	167	376395	45.316	ng	99
74) Di-n-butylphthalate	11.969	149	476088	46.751	ng	99
75) Fluoranthene	12.627	202	437819	41.950	ng	99
77) Benzidine	12.751	184	289959	74.930	ng	100
78) Pyrene	12.857	202	437256	48.914	ng	98
80) Butylbenzylphthalate	13.474	149	161270	47.686	ng	98
81) Benzo(a)anthracene	14.051	228	408989	48.671	ng	97
82) 3,3'-Dichlorobenzidine	14.010	252	154281	52.743	ng	97
83) Chrysene	14.086	228	372676	47.261	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	213964	46.344	ng	100
85) Di-n-octyl phthalate	14.645	149	398147	50.146	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	444275	38.611	ng	100
88) Benzo(b)fluoranthene	15.110	252	447930	47.276	ng	98
89) Benzo(k)fluoranthene	15.139	252	448355	51.289	ng	100
90) Benzo(a)pyrene	15.480	252	438682	51.609	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	358124	39.319	ng	99
92) Benzo(g,h,i)perylene	17.503	276	319522	34.893	ng	98

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

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