Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
Data File : BF144150.D
Acq On : 30 Oct 2025 20:05
Operator : RC/JU
Sample : Q3486-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5MSD

Quant Time: Oct 31 01:01:11 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	6.881	152	65361	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	240508	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	125865	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	186796	20.000	ng		0.00
76) Chrysene-d12	14.057	240	164706	20.000	ng		0.00
86) Perylene-d12	15.539	264	218183	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	382979	92.703	ng		0.01
7) Phenol-d6	6.510	99	432647	94.826	ng		0.00
23) Nitrobenzene-d5	7.439	82	279491	63.667	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	138264	86.238	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	540695	60.452	ng		0.00
79) Terphenyl-d14	12.992	244	438361	46.528	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	67363	37.734	ng		98
3) Pyridine	3.451	79	188067	39.350	ng		97
4) n-Nitrosodimethylamine	3.398	42	116448	39.652	ng		91
6) Aniline	6.539	93	180019	27.579	ng		96
8) 2-Chlorophenol	6.663	128	169758	41.725	ng		99
9) Benzaldehyde	6.428	77	118020	33.316	ng		98
10) Phenol	6.522	94	229816	40.828	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	183677	45.159	ng		96
12) 1,3-Dichlorobenzene	6.816	146	218136	43.465	ng		99
13) 1,4-Dichlorobenzene	6.898	146	216004	43.673	ng		98
14) 1,2-Dichlorobenzene	7.045	146	212559	44.416	ng		100
15) Benzyl Alcohol	7.016	79	166294	44.825	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	336671	44.042	ng		98
17) 2-Methylphenol	7.128	107	136258	43.545	ng		95
18) Hexachloroethane	7.386	117	72129	40.791	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	133804	45.351	ng		92
20) 3+4-Methylphenols	7.281	107	159150	43.024	ng		90
22) Acetophenone	7.286	105	229490	44.152	ng		95
24) Nitrobenzene	7.457	77	202769	43.664	ng		99
25) Isophorone	7.698	82	347779	45.314	ng		99
26) 2-Nitrophenol	7.775	139	99058	44.840	ng		96
27) 2,4-Dimethylphenol	7.810	122	165469	50.403	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	214826	44.884	ng		98
29) 2,4-Dichlorophenol	8.016	162	160797	42.118	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	180536	45.966	ng		99
31) Naphthalene	8.181	128	488800	43.061	ng		99
32) Benzoic acid	7.922	122	81058	38.925	ng	#	85
33) 4-Chloroaniline	8.233	127	49321	12.481	ng		96
34) Hexachlorobutadiene	8.298	225	129642	40.367	ng		99
35) Caprolactam	8.592	113	40084	41.868	ng	#	84
36) 4-Chloro-3-methylphenol	8.716	107	142819	42.391	ng		97
37) 2-Methylnaphthalene	8.875	142	301414	40.274	ng		97
38) 1-Methylnaphthalene	8.975	142	298099	42.042	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	186302	43.068	ng		100
41) Hexachlorocyclopentadiene	9.028	237	170716	127.776	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	122972	43.736	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	124697	42.258	ng		97
46) 1,1'-Biphenyl	9.339	154	397895	44.162	ng		99
47) 2-Chloronaphthalene	9.363	162	332525	44.053	ng		97
48) 2-Nitroaniline	9.463	65	93115	41.542	ng		91
49) Acenaphthylene	9.780	152	505367	49.653	ng		99
50) Dimethylphthalate	9.639	163	361858	43.860	ng		99
51) 2,6-Dinitrotoluene	9.704	165	73975	45.356	ng		91
52) Acenaphthene	9.951	154	298642	43.936	ng		98
53) 3-Nitroaniline	9.869	138	36010	19.858	ng		98
54) 2,4-Dinitrophenol	9.980	184	49535	56.153	ng		91
55) Dibenzofuran	10.122	168	412826	43.748	ng		96
56) 4-Nitrophenol	10.033	139	88509	72.080	ng		89
57) 2,4-Dinitrotoluene	10.104	165	99268	45.096	ng	#	96
58) Fluorene	10.469	166	307927	42.826	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89677	43.126	ng		99
60) Diethylphthalate	10.339	149	316911	40.846	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	170836	42.250	ng		96
62) 4-Nitroaniline	10.486	138	62127	36.159	ng		93
63) Azobenzene	10.622	77	331758	45.177	ng		92
65) 4,6-Dinitro-2-methylph...	10.516	198	43195	36.042	ng		99
66) n-Nitrosodiphenylamine	10.575	169	289087	48.438	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	113928	48.712	ng		95
68) Hexachlorobenzene	11.016	284	132003	46.021	ng		97
69) Atrazine	11.104	200	88975	45.432	ng		99
70) Pentachlorophenol	11.216	266	116785	85.536	ng		94
71) Phenanthrene	11.433	178	433320	46.698	ng		99
72) Anthracene	11.486	178	424515	44.287	ng		100
73) Carbazole	11.639	167	345073	42.294	ng		98
74) Di-n-butylphthalate	11.969	149	417787	41.766	ng		99
75) Fluoranthene	12.627	202	444663	43.374	ng		100
77) Benzidine	12.745	184	201984	39.404	ng		99
78) Pyrene	12.857	202	473275	39.968	ng		99
80) Butylbenzylphthalate	13.468	149	188011	41.969	ng		99
81) Benzo(a)anthracene	14.045	228	550555	49.462	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	82191	21.212	ng		96
83) Chrysene	14.086	228	460820	44.118	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	282067	46.122	ng		98
85) Di-n-octyl phthalate	14.645	149	510711	48.560	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	563485	37.617	ng		98
88) Benzo(b)fluoranthene	15.110	252	591218	47.932	ng		98
89) Benzo(k)fluoranthene	15.139	252	520361	45.725	ng		99
90) Benzo(a)pyrene	15.480	252	541573	48.941	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	455127	38.384	ng		100
92) Benzo(g,h,i)perylene	17.503	276	417905	35.055	ng		99

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

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