Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143287.D
Acq On : 01 Aug 2025 17:30
Operator : RC/JU
Sample : Q2728-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240MSD

Quant Time: Aug 01 18:14:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	126654	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	479340	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	245654	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	383126	20.000	ng		0.00
76) Chrysene-d12	14.127	240	239456	20.000	ng		0.00
86) Perylene-d12	15.627	264	269154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	864632	108.030	ng		0.02
7) Phenol-d6	6.592	99	1041846	103.419	ng		0.00
23) Nitrobenzene-d5	7.522	82	778412	80.948	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	327135	128.908	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1384201	77.062	ng		0.00
79) Terphenyl-d14	13.068	244	1252080	77.811	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	125667	33.183	ng	#	82
3) Pyridine	3.693	79	283034	28.794	ng		98
4) n-Nitrosodimethylamine	3.622	42	190332	37.503	ng		97
6) Aniline	6.622	93	213183	15.184	ng	#	88
8) 2-Chlorophenol	6.751	128	335737	40.019	ng		98
9) Benzaldehyde	6.510	77	96789	12.813	ng		98
10) Phenol	6.604	94	397666	36.235	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	334883	39.853	ng		100
12) 1,3-Dichlorobenzene	6.904	146	320939	35.216	ng		99
13) 1,4-Dichlorobenzene	6.981	146	326727	35.599	ng		100
14) 1,2-Dichlorobenzene	7.134	146	318891	36.531	ng		98
15) Benzyl Alcohol	7.098	79	313999	40.821	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	599434	38.456	ng		97
17) 2-Methylphenol	7.210	107	287467	40.752	ng		100
18) Hexachloroethane	7.475	117	115244	36.272	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	255914	39.596	ng		100
20) 3+4-Methylphenols	7.363	107	350375	40.939	ng	#	73
22) Acetophenone	7.363	105	455361	40.125	ng		96
24) Nitrobenzene	7.539	77	374823	41.808	ng		99
25) Isophorone	7.775	82	712821	41.991	ng		100
26) 2-Nitrophenol	7.857	139	182857	46.996	ng		97
27) 2,4-Dimethylphenol	7.886	122	332426	41.914	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	431371	42.382	ng		99
29) 2,4-Dichlorophenol	8.098	162	289955	43.350	ng		100
30) 1,2,4-Trichlorobenzene	8.181	180	285293	39.481	ng		100
31) Naphthalene	8.263	128	958775	40.614	ng		99
32) Benzoic acid	7.998	122	211549	47.421	ng		99
33) 4-Chloroaniline	8.304	127	91617	9.505	ng		99
34) Hexachlorobutadiene	8.386	225	168648	38.206	ng		99
35) Caprolactam	8.669	113	85315m	42.210	ng		
36) 4-Chloro-3-methylphenol	8.786	107	318372	43.793	ng		98
37) 2-Methylnaphthalene	8.951	142	605222	42.131	ng		99
38) 1-Methylnaphthalene	9.051	142	627651	42.430	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	293738	41.416	ng		99
41) Hexachlorocyclopentadiene	9.110	237	330492	71.616	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	208767	42.532	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	223876	45.596	ng		99
46) 1,1'-Biphenyl	9.416	154	829967	43.304	ng		99
47) 2-Chloronaphthalene	9.445	162	604513	42.627	ng		99
48) 2-Nitroaniline	9.533	65	213435	47.993	ng		99
49) Acenaphthylene	9.863	152	1030952	43.380	ng		100
50) Dimethylphthalate	9.716	163	727542	45.436	ng		99
51) 2,6-Dinitrotoluene	9.775	165	157553	48.368	ng		97
52) Acenaphthene	10.033	154	687323	48.931	ng		99
53) 3-Nitroaniline	9.939	138	89925	23.602	ng		99
54) 2,4-Dinitrophenol	10.051	184	171915	113.412	ng	#	1
55) Dibenzofuran	10.204	168	911170	43.691	ng		99
56) 4-Nitrophenol	10.104	139	226872	79.740	ng		97
57) 2,4-Dinitrotoluene	10.180	165	209864	51.352	ng		93
58) Fluorene	10.545	166	686563	43.864	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	189636	46.625	ng		97
60) Diethylphthalate	10.416	149	702217	44.369	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	345287	44.303	ng		97
62) 4-Nitroaniline	10.557	138	147216	45.083	ng		99
63) Azobenzene	10.698	77	739013	44.802	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	107669	52.975	ng		98
66) n-Nitrosodiphenylamine	10.651	169	606661	44.968	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	208314	45.625	ng		99
68) Hexachlorobenzene	11.098	284	217629	45.603	ng		99
69) Atrazine	11.174	200	175792	47.264	ng		99
70) Pentachlorophenol	11.292	266	260016	92.648	ng		98
71) Phenanthrene	11.510	178	916699	45.063	ng		100
72) Anthracene	11.563	178	942365	45.421	ng		100
73) Carbazole	11.710	167	832188	45.935	ng		100
74) Di-n-butylphthalate	12.039	149	1000677	48.816	ng		100
75) Fluoranthene	12.698	202	895619	47.966	ng		99
77) Benzidine	12.810	184	88373	9.579	ng		99
78) Pyrene	12.927	202	893391	43.716	ng		100
80) Butylbenzylphthalate	13.539	149	345166	55.157	ng		98
81) Benzo(a)anthracene	14.115	228	731112	45.604	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	140062	26.213	ng		99
83) Chrysene	14.151	228	661847	45.917	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	470585	49.682	ng		99
85) Di-n-octyl phthalate	14.715	149	784972	45.720	ng		100
87) Indeno(1,2,3-cd)pyrene	17.174	276	877879	46.255	ng		100
88) Benzo(b)fluoranthene	15.186	252	705872	42.929	ng		99
89) Benzo(k)fluoranthene	15.215	252	717126	48.875	ng		99
90) Benzo(a)pyrene	15.568	252	702450	46.368	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	700666	45.357	ng		99
92) Benzo(g,h,i)perylene	17.639	276	691921	46.304	ng		99

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

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