Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143131.D
Acq On : 17 Jul 2025 02:34
Operator : RC/JU
Sample : Q2571-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17MS

Quant Time: Jul 17 03:48:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	153802	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	579798	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	274749	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	404136	20.000	ng		0.00
76) Chrysene-d12	14.133	240	268901	20.000	ng		0.00
86) Perylene-d12	15.639	264	324370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	800697	82.252	ng		0.01
7) Phenol-d6	6.587	99	1041030	85.076	ng		0.00
23) Nitrobenzene-d5	7.522	82	665365	64.377	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	199903	81.600	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1113827	53.889	ng		0.00
79) Terphenyl-d14	13.069	244	773093	42.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.899	88	164158	33.876	ng		100
3) Pyridine	3.652	79	440739	35.918	ng		99
4) n-Nitrosodimethylamine	3.593	42	258611	40.678	ng		99
6) Aniline	6.628	93	403703	23.428	ng		99
8) 2-Chlorophenol	6.751	128	411125	42.035	ng		99
9) Benzaldehyde	6.516	77	302020	32.392	ng		98
10) Phenol	6.604	94	548921	41.438	ng		100
11) bis(2-Chloroethyl)ether	6.698	93	407895	39.775	ng		99
12) 1,3-Dichlorobenzene	6.910	146	437751	39.617	ng		99
13) 1,4-Dichlorobenzene	6.987	146	437809	39.384	ng		99
14) 1,2-Dichlorobenzene	7.140	146	422845	39.888	ng		98
15) Benzyl Alcohol	7.098	79	380836	42.003	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	753677	39.869	ng		99
17) 2-Methylphenol	7.210	107	345099	40.887	ng		99
18) Hexachloroethane	7.487	117	151457	41.852	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	302780	40.389	ng		100
20) 3+4-Methylphenols	7.363	107	424295	40.991	ng		97
22) Acetophenone	7.369	105	562591	40.253	ng	#	93
24) Nitrobenzene	7.545	77	444251	44.525	ng		98
25) Isophorone	7.781	82	835156	41.806	ng		99
26) 2-Nitrophenol	7.863	139	180511	45.496	ng		99
27) 2,4-Dimethylphenol	7.892	122	382507	41.254	ng		100
28) bis(2-Chloroethoxy)met...	7.992	93	506341	41.798	ng		99
29) 2,4-Dichlorophenol	8.098	162	321458	42.379	ng		100
30) 1,2,4-Trichlorobenzene	8.187	180	350435	40.708	ng		98
31) Naphthalene	8.269	128	1165944	40.495	ng		100
33) 4-Chloroaniline	8.310	127	147433	12.734	ng		98
34) Hexachlorobutadiene	8.392	225	217703	42.286	ng		100
35) Caprolactam	8.663	113	93345	39.408	ng		97
36) 4-Chloro-3-methylphenol	8.786	107	353459	41.831	ng		97
37) 2-Methylnaphthalene	8.963	142	697441	40.605	ng		99
38) 1-Methylnaphthalene	9.063	142	718769	40.346	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	337867	42.197	ng		99
41) Hexachlorocyclopentadiene	9.122	237	308813	69.565	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	208024	41.813	ng		99
44) 2,4,5-Trichlorophenol	9.275	196	224311	42.999	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.422	154	918974	41.942	ng		100
47) 2-Chloronaphthalene	9.451	162	671890	41.742	ng		100
48) 2-Nitroaniline	9.534	65	214232	44.804	ng		99
49) Acenaphthylene	9.869	152	1110952	41.420	ng		100
50) Dimethylphthalate	9.722	163	758469	43.880	ng		99
51) 2,6-Dinitrotoluene	9.781	165	155746	45.740	ng		89
52) Acenaphthene	10.039	154	622567	39.334	ng		98
53) 3-Nitroaniline	9.945	138	128666	34.449	ng		95
54) 2,4-Dinitrophenol	10.045	184	3818	8.800	ng	#	1
55) Dibenzofuran	10.210	168	954263	40.449	ng		100
56) 4-Nitrophenol	10.092	139	205928	69.375	ng		98
57) 2,4-Dinitrotoluene	10.181	165	190989	45.006	ng		98
58) Fluorene	10.551	166	698855	39.512	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	125120	30.182	ng		99
60) Diethylphthalate	10.422	149	726438	43.562	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	346653	40.891	ng		100
62) 4-Nitroaniline	10.557	138	138893	42.763	ng		99
63) Azobenzene	10.704	77	822670	44.607	ng		95
65) 4,6-Dinitro-2-methylph...	10.586	198	5912	9.550	ng		91
66) n-Nitrosodiphenylamine	10.657	169	629474	44.342	ng		100
67) 4-Bromophenyl-phenylether	11.033	248	203399	44.257	ng		99
68) Hexachlorobenzene	11.104	284	207516	42.555	ng		98
69) Atrazine	11.180	200	174175	47.957	ng		99
70) Pentachlorophenol	11.292	266	63118	23.592	ng		99
71) Phenanthrene	11.516	178	883304	40.499	ng		99
72) Anthracene	11.569	178	901465	41.101	ng		100
73) Carbazole	11.716	167	801614	40.796	ng		100
74) Di-n-butylphthalate	12.051	149	888295	49.250	ng		100
75) Fluoranthene	12.704	202	811244	40.906	ng		99
77) Benzidine	12.816	184	199220	21.746	ng		99
78) Pyrene	12.933	202	818482	32.805	ng		100
80) Butylbenzylphthalate	13.545	149	236112	47.168	ng		96
81) Benzo(a)anthracene	14.121	228	767144	42.813	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	127120	24.430	ng		100
83) Chrysene	14.157	228	687824	41.678	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	363289	48.051	ng		99
85) Di-n-octyl phthalate	14.727	149	705195	49.122	ng		97
87) Indeno(1,2,3-cd)pyrene	17.180	276	837824	34.728	ng		99
88) Benzo(b)fluoranthene	15.192	252	883083	47.198	ng		99
89) Benzo(k)fluoranthene	15.221	252	697281	39.064	ng		100
90) Benzo(a)pyrene	15.574	252	780700	44.118	ng		100
91) Dibenzo(a,h)anthracene	17.198	278	676587	34.307	ng		99
92) Benzo(g,h,i)perylene	17.645	276	646206	32.139	ng		99

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

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