Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143132.D
Acq On : 17 Jul 2025 03:03
Operator : RC/JU
Sample : Q2571-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17MSD

Quant Time: Jul 17 03:49:32 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	154642	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	573690	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	274130	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	404556	20.000	ng	0.00
76) Chrysene-d12	14.133	240	270975	20.000	ng	0.00
86) Perylene-d12	15.639	264	316202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	793928	81.113	ng	0.01
7) Phenol-d6	6.587	99	1031700	83.855	ng	0.00
23) Nitrobenzene-d5	7.522	82	669140	65.432	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	198539	81.226	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1106288	53.645	ng	0.00
79) Terphenyl-d14	13.069	244	771722	41.632	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	162234	33.297	ng	99
3) Pyridine	3.652	79	439142	35.593	ng	98
4) n-Nitrosodimethylamine	3.593	42	251775	39.387	ng	99
6) Aniline	6.628	93	416344	24.031	ng	99
8) 2-Chlorophenol	6.751	128	407920	41.480	ng	99
9) Benzaldehyde	6.516	77	294115	31.373	ng	99
10) Phenol	6.604	94	547911	41.137	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	404904	39.269	ng	99
12) 1,3-Dichlorobenzene	6.910	146	435247	39.176	ng	99
13) 1,4-Dichlorobenzene	6.987	146	437253	39.120	ng	99
14) 1,2-Dichlorobenzene	7.140	146	418979	39.308	ng	98
15) Benzyl Alcohol	7.098	79	381475	41.845	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	736414	38.744	ng	100
17) 2-Methylphenol	7.210	107	341298	40.217	ng	99
18) Hexachloroethane	7.487	117	152901	42.022	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	295976	39.267	ng	99
20) 3+4-Methylphenols	7.363	107	415708	39.943	ng	96
22) Acetophenone	7.369	105	552881	39.979	ng	94
24) Nitrobenzene	7.545	77	446124	45.189	ng	98
25) Isophorone	7.781	82	817872	41.377	ng	99
26) 2-Nitrophenol	7.863	139	180165	45.858	ng	99
27) 2,4-Dimethylphenol	7.893	122	381063	41.536	ng	99
28) bis(2-Chloroethoxy)met...	7.993	93	492251	41.068	ng	99
29) 2,4-Dichlorophenol	8.098	162	317079	42.246	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	348097	40.867	ng	99
31) Naphthalene	8.269	128	1146191	40.233	ng	100
33) 4-Chloroaniline	8.310	127	159239	13.900	ng	97
34) Hexachlorobutadiene	8.392	225	212383	41.692	ng	99
35) Caprolactam	8.663	113	92881	39.630	ng	96
36) 4-Chloro-3-methylphenol	8.787	107	348019	41.626	ng	98
37) 2-Methylnaphthalene	8.963	142	680541	40.043	ng	100
38) 1-Methylnaphthalene	9.063	142	709748	40.264	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	332868	41.667	ng	99
41) Hexachlorocyclopentadiene	9.122	237	285312	64.416	ng	98
43) 2,4,6-Trichlorophenol	9.234	196	200935	40.479	ng	99
44) 2,4,5-Trichlorophenol	9.275	196	221043	42.469	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.422	154	907562	41.515	ng		100
47) 2-Chloronaphthalene	9.451	162	659194	41.046	ng		99
48) 2-Nitroaniline	9.534	65	218325	45.695	ng		100
49) Acenaphthylene	9.869	152	1100552	41.125	ng		100
50) Dimethylphthalate	9.722	163	754861	43.770	ng		100
51) 2,6-Dinitrotoluene	9.781	165	155290	45.711	ng		89
52) Acenaphthene	10.039	154	616683	39.050	ng		99
53) 3-Nitroaniline	9.945	138	128024	34.355	ng		97
54) 2,4-Dinitrophenol	10.045	184	5497	10.510	ng	#	1
55) Dibenzofuran	10.210	168	942444	40.038	ng		100
56) 4-Nitrophenol	10.092	139	210415	71.046	ng		98
57) 2,4-Dinitrotoluene	10.181	165	190519	44.997	ng		98
58) Fluorene	10.551	166	689808	39.088	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	140420	33.949	ng		98
60) Diethylphthalate	10.422	149	722197	43.405	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	345005	40.789	ng		100
62) 4-Nitroaniline	10.557	138	139120	42.929	ng		99
63) Azobenzene	10.704	77	807710	43.895	ng		95
65) 4,6-Dinitro-2-methylph...	10.586	198	8364	11.197	ng		98
66) n-Nitrosodiphenylamine	10.657	169	622784	43.825	ng		99
67) 4-Bromophenyl-phenylether	11.034	248	205085	44.577	ng		98
68) Hexachlorobenzene	11.104	284	207302	42.467	ng		98
69) Atrazine	11.181	200	173844	47.816	ng		99
70) Pentachlorophenol	11.292	266	82071	30.644	ng		100
71) Phenanthrene	11.516	178	871164	39.901	ng		99
72) Anthracene	11.569	178	879525	40.059	ng		100
73) Carbazole	11.716	167	787172	40.020	ng		100
74) Di-n-butylphthalate	12.045	149	896492	49.653	ng		100
75) Fluoranthene	12.704	202	805111	40.555	ng		99
77) Benzidine	12.816	184	233917	25.338	ng		99
78) Pyrene	12.933	202	815947	32.454	ng		100
80) Butylbenzylphthalate	13.545	149	239643	47.482	ng		98
81) Benzo(a)anthracene	14.122	228	760550	42.120	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	129923	24.777	ng		99
83) Chrysene	14.157	228	680317	40.908	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	355208	46.724	ng		99
85) Di-n-octyl phthalate	14.727	149	706471	48.873	ng		97
87) Indeno(1,2,3-cd)pyrene	17.180	276	771881	32.821	ng		99
88) Benzo(b)fluoranthene	15.192	252	865209	47.437	ng		99
89) Benzo(k)fluoranthene	15.221	252	689026	39.598	ng		100
90) Benzo(a)pyrene	15.574	252	763138	44.239	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	629422	32.739	ng		99
92) Benzo(g,h,i)perylene	17.645	276	591750	30.191	ng		99

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

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