Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143251.D
Acq On : 25 Jul 2025 15:18
Operator : RC/JU
Sample : Q2687-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251MS

Quant Time: Jul 25 15:43:25 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	91630	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	327243	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	146247	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	207876	20.000	ng		0.00
76) Chrysene-d12	14.127	240	189106	20.000	ng		0.00
86) Perylene-d12	15.633	264	211277	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	487867	84.255	ng		0.01
7) Phenol-d6	6.587	99	612012	83.973	ng		0.00
23) Nitrobenzene-d5	7.516	82	399561	60.863	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	128255	84.891	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	661306	61.842	ng		0.00
79) Terphenyl-d14	13.069	244	513504	40.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	97182	35.470	ng		98
3) Pyridine	3.628	79	260533	36.636	ng		99
4) n-Nitrosodimethylamine	3.569	42	146818	39.987	ng		95
6) Aniline	6.622	93	178690	17.592	ng		98
8) 2-Chlorophenol	6.751	128	233714	38.507	ng		96
9) Benzaldehyde	6.510	77	153015	27.999	ng		99
10) Phenol	6.604	94	299618	37.736	ng		96
11) bis(2-Chloroethyl)ether	6.693	93	226528	37.263	ng		99
12) 1,3-Dichlorobenzene	6.904	146	257940	39.121	ng		100
13) 1,4-Dichlorobenzene	6.981	146	264099	39.775	ng		99
14) 1,2-Dichlorobenzene	7.134	146	247731	39.227	ng		99
15) Benzyl Alcohol	7.098	79	212002	38.096	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	407147	36.104	ng		99
17) 2-Methylphenol	7.210	107	190483	37.325	ng		98
18) Hexachloroethane	7.481	117	92636	40.300	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	168097	35.950	ng		97
20) 3+4-Methylphenols	7.357	107	232534	37.556	ng	#	81
22) Acetophenone	7.363	105	314281	40.565	ng		95
24) Nitrobenzene	7.540	77	255499	41.744	ng		100
25) Isophorone	7.775	82	449065	38.748	ng		99
26) 2-Nitrophenol	7.857	139	120189	45.246	ng		99
27) 2,4-Dimethylphenol	7.887	122	204333	37.737	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	267801	38.541	ng		99
29) 2,4-Dichlorophenol	8.098	162	179392	39.286	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	201423	40.830	ng		99
31) Naphthalene	8.263	128	655767	40.690	ng		100
32) Benzoic acid	7.987	122	121195	40.627	ng		99
33) 4-Chloroaniline	8.304	127	56213	8.542	ng		100
34) Hexachlorobutadiene	8.387	225	124448	41.296	ng		99
35) Caprolactam	8.663	113	54464	39.471	ng		97
36) 4-Chloro-3-methylphenol	8.787	107	185429	37.361	ng		99
37) 2-Methylnaphthalene	8.957	142	383096	39.063	ng		99
38) 1-Methylnaphthalene	9.057	142	393423	38.957	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	191713	45.405	ng		98
41) Hexachlorocyclopentadiene	9.116	237	228502	83.172	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	121490	41.575	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	122127	41.780	ng		97
46) 1,1'-Biphenyl	9.416	154	504252	44.193	ng		99
47) 2-Chloronaphthalene	9.445	162	362145	42.895	ng		100
48) 2-Nitroaniline	9.534	65	115564	43.649	ng		100
49) Acenaphthylene	9.863	152	595504	42.089	ng		99
50) Dimethylphthalate	9.710	163	393754	41.305	ng		100
51) 2,6-Dinitrotoluene	9.775	165	84014	43.323	ng		96
52) Acenaphthene	10.034	154	383872	45.904	ng		99
53) 3-Nitroaniline	9.939	138	46399	20.456	ng		98
54) 2,4-Dinitrophenol	10.045	184	83770	94.036	ng	#	3
55) Dibenzofuran	10.204	168	506642	40.807	ng		99
56) 4-Nitrophenol	10.098	139	128939	76.123	ng		98
57) 2,4-Dinitrotoluene	10.175	165	107416	44.150	ng		96
58) Fluorene	10.545	166	375689	40.318	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	95231	39.329	ng		98
60) Diethylphthalate	10.416	149	371417	39.419	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	183801	39.613	ng		99
62) 4-Nitroaniline	10.551	138	74059	38.096	ng		98
63) Azobenzene	10.698	77	413840	42.142	ng		93
65) 4,6-Dinitro-2-methylph...	10.586	198	52162	47.881	ng		97
66) n-Nitrosodiphenylamine	10.651	169	311131	42.504	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	104384	42.136	ng		97
68) Hexachlorobenzene	11.098	284	107544	41.534	ng		99
69) Atrazine	11.175	200	88912	44.059	ng		99
70) Pentachlorophenol	11.292	266	120487	79.125	ng		99
71) Phenanthrene	11.510	178	555033	50.286	ng		100
72) Anthracene	11.563	178	486041	43.176	ng		100
73) Carbazole	11.710	167	435501	44.305	ng		100
74) Di-n-butylphthalate	12.039	149	479787	43.138	ng		99
75) Fluoranthene	12.698	202	618718	61.072	ng		100
77) Benzidine	12.816	184	182179	25.005	ng		98
78) Pyrene	12.933	202	620950	38.475	ng		100
80) Butylbenzylphthalate	13.539	149	209137	42.318	ng		99
81) Benzo(a)anthracene	14.116	228	605124	47.796	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	83252	19.730	ng		99
83) Chrysene	14.157	228	512512	45.024	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	288150	38.521	ng		99
85) Di-n-octyl phthalate	14.716	149	525371	38.747	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	483625	32.463	ng		97
88) Benzo(b)fluoranthene	15.192	252	662135	51.300	ng		99
89) Benzo(k)fluoranthene	15.221	252	486642	42.252	ng		99
90) Benzo(a)pyrene	15.574	252	550005	46.250	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	387748	31.977	ng		98
92) Benzo(g,h,i)perylene	17.645	276	364719	31.093	ng		97

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

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