Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143300.D
Acq On : 04 Aug 2025 17:05
Operator : RC/JU
Sample : Q2734-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Quant Time: Aug 04 17:58:18 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	96986	20.000	ng		0.00
21) Naphthalene-d8	8.240	136	334132	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	154347	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	269587	20.000	ng		0.00
76) Chrysene-d12	14.127	240	265485	20.000	ng		0.00
86) Perylene-d12	15.633	264	204406	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	711970	116.168	ng		0.02
7) Phenol-d6	6.593	99	806691	104.572	ng		0.00
23) Nitrobenzene-d5	7.516	82	586009	87.423	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	224518	140.809	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	976172	86.496	ng		0.00
79) Terphenyl-d14	13.069	244	1197037	67.097	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.952	88	124389	42.893	ng	#	82
3) Pyridine	3.675	79	268376	35.655	ng		98
4) n-Nitrosodimethylamine	3.605	42	167411	43.078	ng		97
6) Aniline	6.622	93	140191	13.040	ng		94
8) 2-Chlorophenol	6.751	128	257503	40.083	ng		97
9) Benzaldehyde	6.510	77	86141	14.892	ng		97
10) Phenol	6.604	94	296023	35.225	ng		99
11) bis(2-Chloroethyl)ether	6.693	93	268096	41.665	ng		100
12) 1,3-Dichlorobenzene	6.904	146	271954	38.969	ng		99
13) 1,4-Dichlorobenzene	6.981	146	269217	38.306	ng		99
14) 1,2-Dichlorobenzene	7.134	146	259190	38.775	ng		100
15) Benzyl Alcohol	7.098	79	231457	39.295	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	482608	40.432	ng		99
17) 2-Methylphenol	7.210	107	206032	38.143	ng		99
18) Hexachloroethane	7.475	117	94242	38.735	ng		95
19) n-Nitroso-di-n-propyla...	7.363	70	192493	38.894	ng		98
20) 3+4-Methylphenols	7.357	107	254378	38.815	ng	#	79
22) Acetophenone	7.363	105	352144	44.515	ng	#	97
24) Nitrobenzene	7.540	77	275987	44.162	ng		100
25) Isophorone	7.775	82	509425	43.050	ng		100
26) 2-Nitrophenol	7.851	139	125838	46.396	ng		99
27) 2,4-Dimethylphenol	7.887	122	226835	41.030	ng		99
28) bis(2-Chloroethoxy)met...	7.981	93	311804	43.948	ng		99
29) 2,4-Dichlorophenol	8.098	162	196931	42.238	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	200776	39.860	ng		100
31) Naphthalene	8.263	128	686941	41.745	ng		99
32) Benzoic acid	7.987	122	121871	40.089	ng		99
33) 4-Chloroaniline	8.304	127	74470	11.083	ng		99
34) Hexachlorobutadiene	8.387	225	127047	41.289	ng		98
35) Caprolactam	8.657	113	56383	40.019	ng		92
36) 4-Chloro-3-methylphenol	8.787	107	207121	40.871	ng		98
37) 2-Methylnaphthalene	8.957	142	411784	41.123	ng		99
38) 1-Methylnaphthalene	9.057	142	421019	40.831	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	195940	43.971	ng		99
41) Hexachlorocyclopentadiene	9.110	237	89851	30.988	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	133099	43.157	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	138604	44.929	ng		100
46) 1,1'-Biphenyl	9.416	154	546888	45.415	ng		99
47) 2-Chloronaphthalene	9.445	162	387146	43.449	ng		99
48) 2-Nitroaniline	9.534	65	142450	50.980	ng		99
49) Acenaphthylene	9.863	152	672653	45.047	ng		99
50) Dimethylphthalate	9.710	163	493247	49.027	ng		99
51) 2,6-Dinitrotoluene	9.775	165	100705	49.205	ng		98
52) Acenaphthene	10.034	154	405319	45.925	ng		99
53) 3-Nitroaniline	9.939	138	63975	26.724	ng		96
54) 2,4-Dinitrophenol	10.045	184	46116	52.238	ng	#	32
55) Dibenzofuran	10.204	168	578948	44.183	ng		98
56) 4-Nitrophenol	10.098	139	169033	94.557	ng		99
57) 2,4-Dinitrotoluene	10.175	165	135158	52.637	ng		97
58) Fluorene	10.545	166	453185	46.082	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	121393	47.503	ng		97
60) Diethylphthalate	10.410	149	475096	47.777	ng		100
61) 4-Chlorophenyl-phenyle...	10.534	204	221405	45.213	ng		99
62) 4-Nitroaniline	10.551	138	91927	44.805	ng		97
63) Azobenzene	10.698	77	472740	45.614	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	31553	25.221	ng		96
66) n-Nitrosodiphenylamine	10.651	169	401360	42.280	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	135881	42.294	ng		97
68) Hexachlorobenzene	11.098	284	138727	41.312	ng		97
69) Atrazine	11.175	200	126960	48.511	ng		100
70) Pentachlorophenol	11.292	266	190389	96.410	ng		98
71) Phenanthrene	11.510	178	654491	45.723	ng		100
72) Anthracene	11.563	178	668046	45.760	ng		100
73) Carbazole	11.710	167	665579	52.212	ng		100
74) Di-n-butylphthalate	12.039	149	780591	54.117	ng		100
75) Fluoranthene	12.698	202	783575	59.639	ng		99
77) Benzidine	12.816	184	223952	21.895	ng		98
78) Pyrene	12.933	202	828228	36.554	ng		99
80) Butylbenzylphthalate	13.539	149	359410	51.802	ng		100
81) Benzo(a)anthracene	14.116	228	816712	45.949	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	204886	34.586	ng		100
83) Chrysene	14.157	228	709021	44.367	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	520769	49.590	ng		99
85) Di-n-octyl phthalate	14.716	149	901432	47.356	ng		99
87) Indeno(1,2,3-cd)pyrene	17.180	276	505522	35.073	ng		99
88) Benzo(b)fluoranthene	15.192	252	642942	51.487	ng		100
89) Benzo(k)fluoranthene	15.221	252	599308	53.783	ng		100
90) Benzo(a)pyrene	15.568	252	539511	46.893	ng		98
91) Dibenzo(a,h)anthracene	17.192	278	416257	35.482	ng		98
92) Benzo(g,h,i)perylene	17.645	276	389463	34.319	ng		99

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

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