Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143257.D
Acq On : 25 Jul 2025 18:16
Operator : RC/JU
Sample : Q2687-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251MSD

Quant Time: Jul 25 18:37:20 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	85134	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	307702	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	145693	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	255149	20.000	ng		0.00
76) Chrysene-d12	14.133	240	202962	20.000	ng		0.01
86) Perylene-d12	15.633	264	157062	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	460881	85.668	ng		0.01
7) Phenol-d6	6.587	99	577248	85.246	ng		0.00
23) Nitrobenzene-d5	7.516	82	365858	59.268	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	151652	100.759	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	637938	59.883	ng		0.00
79) Terphenyl-d14	13.069	244	677183	49.651	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	91974	36.130	ng		97
3) Pyridine	3.622	79	237619	35.963	ng		99
4) n-Nitrosodimethylamine	3.563	42	136284	39.950	ng		96
6) Aniline	6.622	93	146973	15.573	ng		98
8) 2-Chlorophenol	6.751	128	219395	38.906	ng		96
9) Benzaldehyde	6.510	77	143818	28.324	ng		99
10) Phenol	6.604	94	281425	38.150	ng		97
11) bis(2-Chloroethyl)ether	6.693	93	217161	38.448	ng		98
12) 1,3-Dichlorobenzene	6.904	146	238832	38.987	ng		100
13) 1,4-Dichlorobenzene	6.981	146	245011	39.715	ng		100
14) 1,2-Dichlorobenzene	7.134	146	230339	39.256	ng		99
15) Benzyl Alcohol	7.098	79	198833	38.456	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	375648	35.852	ng		99
17) 2-Methylphenol	7.210	107	177108	37.353	ng		99
18) Hexachloroethane	7.481	117	84774	39.694	ng		96
19) n-Nitroso-di-n-propyla...	7.363	70	158968	36.592	ng		98
20) 3+4-Methylphenols	7.363	107	224454	39.017	ng	#	69
22) Acetophenone	7.363	105	298474	40.972	ng		95
24) Nitrobenzene	7.540	77	235698	40.955	ng		98
25) Isophorone	7.775	82	421584	38.687	ng		99
26) 2-Nitrophenol	7.857	139	112033	44.854	ng		99
27) 2,4-Dimethylphenol	7.892	122	198219	38.933	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	252753	38.685	ng		99
29) 2,4-Dichlorophenol	8.098	162	171151	39.862	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	187429	40.406	ng		99
31) Naphthalene	8.263	128	605187	39.936	ng		100
32) Benzoic acid	7.987	122	117754	41.808	ng		98
33) 4-Chloroaniline	8.304	127	61782	9.985	ng		99
34) Hexachlorobutadiene	8.387	225	115282	40.684	ng		99
35) Caprolactam	8.663	113	57224	44.105	ng		98
36) 4-Chloro-3-methylphenol	8.787	107	182531	39.113	ng		100
37) 2-Methylnaphthalene	8.957	142	359646	39.001	ng		100
38) 1-Methylnaphthalene	9.057	142	371528	39.126	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	180139	42.826	ng		99
41) Hexachlorocyclopentadiene	9.116	237	136307	49.803	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	118904	40.845	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	124633	42.800	ng		100
46) 1,1'-Biphenyl	9.416	154	484823	42.652	ng		99
47) 2-Chloronaphthalene	9.445	162	347463	41.312	ng		99
48) 2-Nitroaniline	9.534	65	119904	45.460	ng		100
49) Acenaphthylene	9.863	152	587588	41.688	ng		100
50) Dimethylphthalate	9.716	163	411538	43.335	ng		99
51) 2,6-Dinitrotoluene	9.775	165	86756	44.907	ng		99
52) Acenaphthene	10.034	154	365644	43.891	ng		99
53) 3-Nitroaniline	9.939	138	52547	23.254	ng		98
54) 2,4-Dinitrophenol	10.045	184	55410	64.676	ng	#	44
55) Dibenzofuran	10.204	168	510244	41.253	ng		100
56) 4-Nitrophenol	10.104	139	155133	91.936	ng		98
57) 2,4-Dinitrotoluene	10.181	165	119925	49.479	ng		94
58) Fluorene	10.551	166	395006	42.552	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	102232	42.381	ng		100
60) Diethylphthalate	10.416	149	408510	43.521	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	191709	41.475	ng		98
62) 4-Nitroaniline	10.551	138	77544	40.040	ng		98
63) Azobenzene	10.698	77	439859	44.962	ng		94
65) 4,6-Dinitro-2-methylph...	10.586	198	39042	31.310	ng		98
66) n-Nitrosodiphenylamine	10.651	169	343901	38.277	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	115438	37.964	ng		98
68) Hexachlorobenzene	11.104	284	121014	38.077	ng		99
69) Atrazine	11.181	200	112623	45.468	ng		99
70) Pentachlorophenol	11.292	266	158939	85.039	ng		98
71) Phenanthrene	11.516	178	659247	48.662	ng		99
72) Anthracene	11.563	178	593542	42.957	ng		99
73) Carbazole	11.716	167	551674	45.725	ng		100
74) Di-n-butylphthalate	12.045	149	631044	46.225	ng		100
75) Fluoranthene	12.704	202	804416	64.690	ng		99
77) Benzidine	12.816	184	256714	32.830	ng		98
78) Pyrene	12.933	202	794363	45.859	ng		100
80) Butylbenzylphthalate	13.545	149	275472	51.935	ng		97
81) Benzo(a)anthracene	14.121	228	640477	47.134	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	141269	31.193	ng		99
83) Chrysene	14.157	228	573372	46.932	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	373843	46.565	ng		99
85) Di-n-octyl phthalate	14.721	149	600773	41.283	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	384648	34.731	ng		97
88) Benzo(b)fluoranthene	15.192	252	519307	54.122	ng		99
89) Benzo(k)fluoranthene	15.221	252	388079	45.325	ng		99
90) Benzo(a)pyrene	15.574	252	407620	46.109	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	304854	33.819	ng		97
92) Benzo(g,h,i)perylene	17.645	276	299060	34.297	ng		97

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

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