Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
Data File : BG064797.D
Acq On : 17 Nov 2025 23:31
Operator : RC/JU
Sample : Q3649-08MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 18 00:25:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
11/18/2025
Supervised By :Sohil Jodhani
11/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	39734	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	157606	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	130879	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	316710	20.000	ng	0.00
76) Chrysene-d12	21.754	240	371983	20.000	ng	0.00
86) Perylene-d12	25.009	264	376972	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	242473	106.561	ng	0.00
7) Phenol-d6	7.312	99	335412	110.828	ng	0.00
23) Nitrobenzene-d5	9.327	82	219027	68.711	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	264438	103.598	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	601736	64.153	ng	0.00
79) Terphenyl-d14	20.091	244	1364576	72.160	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	32904	37.353	ng	93
3) Pyridine	3.933	79	93203	35.510	ng	97
4) n-Nitrosodimethylamine	3.845	42	55812	41.779	ng	82
6) Aniline	7.476	93	92542	22.941	ng	99
8) 2-Chlorophenol	7.723	128	116122	46.477	ng	99
9) Benzaldehyde	7.288	77	61058	30.820	ng	97
10) Phenol	7.335	94	161413	49.019	ng	98
11) bis(2-Chloroethyl)ether	7.570	93	104673	44.671	ng	96
12) 1,3-Dichlorobenzene	8.052	146	127073	44.200	ng	100
13) 1,4-Dichlorobenzene	8.199	146	133138	45.479	ng	97
14) 1,2-Dichlorobenzene	8.522	146	128179	45.157	ng	97
15) Benzyl Alcohol	8.393	79	117628	47.351	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	225270	40.617	ng	97
17) 2-Methylphenol	8.598	107	109252	46.891	ng	96
18) Hexachloroethane	9.262	117	47878	43.181	ng	99
19) n-Nitroso-di-n-propyla...	8.969	70	91499	44.714	ng	91
20) 3+4-Methylphenols	8.927	107	147994	46.366	ng	93
22) Acetophenone	8.986	105	190455	44.355	ng	99
24) Nitrobenzene	9.368	77	141359	43.889	ng	96
25) Isophorone	9.897	82	260037	42.838	ng	99
26) 2-Nitrophenol	10.085	139	68781	47.477	ng	96
27) 2,4-Dimethylphenol	10.138	122	116963	45.445	ng	98
28) bis(2-Chloroethoxy)met...	10.373	93	149556	44.877	ng	99
29) 2,4-Dichlorophenol	10.620	162	134228	48.577	ng	97
30) 1,2,4-Trichlorobenzene	10.843	180	153051	45.870	ng	99
31) Naphthalene	11.031	128	384335	43.018	ng	100
32) Benzoic acid	10.273	122	79110	44.097	ng	99
33) 4-Chloroaniline	11.125	127	37251	10.423	ng	96
34) Hexachlorobutadiene	11.319	225	119748	41.828	ng	97
35) Caprolactam	11.895	113	39250m	47.491	ng	
36) 4-Chloro-3-methylphenol	12.235	107	141639	46.053	ng	97
37) 2-Methylnaphthalene	12.623	142	263299	39.382	ng	97
38) 1-Methylnaphthalene	12.840	142	275084	41.420	ng	97
40) 1,2,4,5-Tetrachloroben...	12.987	216	217214	42.646	ng	98
41) Hexachlorocyclopentadiene	12.970	237	292272	80.056	ng	96
43) 2,4,6-Trichlorophenol	13.217	196	138889	46.460	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	155253	46.305	ng		99
46) 1,1'-Biphenyl	13.616	154	412233	43.854	ng		98
47) 2-Chloronaphthalene	13.657	162	317228	42.836	ng		100
48) 2-Nitroaniline	13.851	65	107396	45.087	ng		99
49) Acenaphthylene	14.497	152	555917	43.939	ng		99
50) Dimethylphthalate	14.221	163	445893	43.129	ng		98
51) 2,6-Dinitrotoluene	14.333	165	95233	47.870	ng		95
52) Acenaphthene	14.838	154	380997	50.224	ng		99
53) 3-Nitroaniline	14.662	138	39171	19.950	ng		88
54) 2,4-Dinitrophenol	14.868	184	127379	92.027	ng		98
55) Dibenzofuran	15.167	168	535479	42.697	ng		97
56) 4-Nitrophenol	14.962	139	151190	97.051	ng		94
57) 2,4-Dinitrotoluene	15.120	165	136738	45.847	ng		97
58) Fluorene	15.813	166	419937	42.693	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.390	232	163314	49.368	ng		96
60) Diethylphthalate	15.573	149	428865	43.303	ng		100
61) 4-Chlorophenyl-phenyle...	15.802	204	250106	42.369	ng		99
62) 4-Nitroaniline	15.819	138	87679	43.104	ng		90
63) Azobenzene	16.090	77	401300	48.715	ng		97
65) 4,6-Dinitro-2-methylph...	15.878	198	92402	52.548	ng		96
66) n-Nitrosodiphenylamine	16.013	169	385312	46.447	ng		98
67) 4-Bromophenyl-phenylether	16.689	248	187577	45.100	ng		98
68) Hexachlorobenzene	16.812	284	222617	44.179	ng		95
69) Atrazine	16.947	200	178444	44.615	ng		99
70) Pentachlorophenol	17.153	266	282935	93.741	ng		99
71) Phenanthrene	17.547	178	762183	43.985	ng		99
72) Anthracene	17.635	178	774717	43.846	ng		98
73) Carbazole	17.893	167	668855	44.034	ng		99
74) Di-n-butylphthalate	18.446	149	753338	44.454	ng		99
75) Fluoranthene	19.539	202	986166	41.618	ng		99
77) Benzidine	19.709	184	404443	36.305	ng		98
78) Pyrene	19.897	202	1015709	48.720	ng		99
80) Butylbenzylphthalate	20.766	149	347928	47.447	ng		97
81) Benzo(a)anthracene	21.736	228	1103366	43.623	ng		99
82) 3,3'-Dichlorobenzidine	21.642	252	172582	18.538	ng		96
83) Chrysene	21.801	228	1035528	43.425	ng		99
84) Bis(2-ethylhexyl)phtha...	21.630	149	488553	45.593	ng		99
85) Di-n-octyl phthalate	22.858	149	815867	44.047	ng		98
87) Indeno(1,2,3-cd)pyrene	28.745	276	1231434	47.547	ng	#	98
88) Benzo(b)fluoranthene	23.980	252	1062278	44.280	ng		99
89) Benzo(k)fluoranthene	24.045	252	1078196	44.736	ng		100
90) Benzo(a)pyrene	24.862	252	1007629	45.279	ng		99
91) Dibenzo(a,h)anthracene	28.810	278	1015062	47.842	ng		96
92) Benzo(g,h,i)perylene	29.915	276	974807	47.739	ng		99

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

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