Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064627.D
Acq On : 29 Oct 2025 17:34
Operator : RC/JU
Sample : Q3419-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 06:46:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	30488	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	121320	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	93614	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	229619	20.000	ng	0.00
76) Chrysene-d12	21.853	240	271892	20.000	ng	# 0.00
86) Perylene-d12	25.191	264	296767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	173396	95.462	ng	0.00
7) Phenol-d6	7.353	99	248444	99.678	ng	0.00
23) Nitrobenzene-d5	9.380	82	155421	76.945	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	166810	123.459	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	372604	60.330	ng	0.00
79) Terphenyl-d14	20.167	244	870859	60.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	32986	41.019	ng	99
3) Pyridine	3.992	79	91699	37.972	ng	98
4) n-Nitrosodimethylamine	3.898	42	64506	49.810	ng	98
6) Aniline	7.529	93	110647	32.624	ng	97
8) 2-Chlorophenol	7.776	128	100885	53.064	ng	94
9) Benzaldehyde	7.335	77	47095	34.610	ng	96
10) Phenol	7.382	94	133081	48.280	ng	96
11) bis(2-Chloroethyl)ether	7.623	93	91218	45.010	ng	94
12) 1,3-Dichlorobenzene	8.111	146	106607	48.719	ng	100
13) 1,4-Dichlorobenzene	8.257	146	108820	48.908	ng	96
14) 1,2-Dichlorobenzene	8.575	146	107105	49.907	ng	97
15) Benzyl Alcohol	8.445	79	100831	49.058	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.745	45	245238	46.132	ng	99
17) 2-Methylphenol	8.645	107	92198	50.378	ng	96
18) Hexachloroethane	9.321	117	40540	51.921	ng	97
19) n-Nitroso-di-n-propyla...	9.021	70	83332	48.377	ng	98
20) 3+4-Methylphenols	8.974	107	125652	48.821	ng	98
22) Acetophenone	9.039	105	180237	54.347	ng	95
24) Nitrobenzene	9.421	77	121561	55.332	ng	95
25) Isophorone	9.955	82	240580	49.637	ng	98
26) 2-Nitrophenol	10.138	139	54118	62.810	ng	93
27) 2,4-Dimethylphenol	10.196	122	103937	57.650	ng	88
28) bis(2-Chloroethoxy)met...	10.431	93	132986	48.190	ng	97
29) 2,4-Dichlorophenol	10.678	162	109647	56.512	ng	99
30) 1,2,4-Trichlorobenzene	10.901	180	120137	54.496	ng	96
31) Naphthalene	11.095	128	328094	48.777	ng	100
32) Benzoic acid	10.320	122	89978	62.736	ng	90
33) 4-Chloroaniline	11.183	127	56519	21.618	ng	98
34) Hexachlorobutadiene	11.383	225	89758	52.062	ng	93
35) Caprolactam	11.947	113	37506m	50.400	ng	
36) 4-Chloro-3-methylphenol	12.288	107	122640	52.585	ng	96
37) 2-Methylnaphthalene	12.688	142	224108	45.380	ng	100
38) 1-Methylnaphthalene	12.905	142	231684	47.390	ng	95
40) 1,2,4,5-Tetrachloroben...	13.046	216	181893	57.895	ng	99
41) Hexachlorocyclopentadiene	13.034	237	218323	154.388	ng	99
43) 2,4,6-Trichlorophenol	13.275	196	105398	58.649	ng	97

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	114236	55.084 ng		99
46) 1,1'-Biphenyl	13.680	154	374605	56.287 ng		98
47) 2-Chloronaphthalene	13.722	162	251555	50.074 ng		98
48) 2-Nitroaniline	13.910	65	95513	56.055 ng		95
49) Acenaphthylene	14.568	152	452550	57.112 ng		99
50) Dimethylphthalate	14.286	163	362240	50.569 ng		98
51) 2,6-Dinitrotoluene	14.397	165	72717	60.623 ng		97
52) Acenaphthene	14.903	154	312776	57.775 ng		99
53) 3-Nitroaniline	14.720	138	50027	40.637 ng		98
54) 2,4-Dinitrophenol	14.926	184	99300	132.948 ng	#	46
55) Dibenzofuran	15.237	168	444561	50.793 ng		100
56) 4-Nitrophenol	15.020	139	139148	121.914 ng		90
57) 2,4-Dinitrotoluene	15.179	165	108193	58.491 ng		99
58) Fluorene	15.884	166	345737	50.581 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.455	232	122956	62.001 ng		99
60) Diethylphthalate	15.643	149	365971	50.036 ng		98
61) 4-Chlorophenyl-phenyle...	15.872	204	195464	50.956 ng		99
62) 4-Nitroaniline	15.884	138	81463	59.481 ng		93
63) Azobenzene	16.160	77	358981	53.492 ng		100
65) 4,6-Dinitro-2-methylph...	15.943	198	67553	64.726 ng		94
66) n-Nitrosodiphenylamine	16.078	169	317977	51.265 ng		98
67) 4-Bromophenyl-phenylether	16.765	248	141564	52.025 ng		96
68) Hexachlorobenzene	16.888	284	160884	51.826 ng		96
69) Atrazine	17.018	200	146978	55.064 ng		99
70) Pentachlorophenol	17.223	266	220117	113.709 ng		96
71) Phenanthrene	17.623	178	634368	50.519 ng		99
72) Anthracene	17.711	178	639545	50.069 ng		100
73) Carbazole	17.970	167	577061	51.232 ng		99
74) Di-n-butylphthalate	18.528	149	670737	51.496 ng		98
75) Fluoranthene	19.615	202	802773	51.033 ng		98
77) Benzidine	19.779	184	255069	41.873 ng		98
78) Pyrene	19.973	202	842015	47.400 ng		99
80) Butylbenzylphthalate	20.849	149	309969	57.734 ng		99
81) Benzo(a)anthracene	21.836	228	915343	50.774 ng		99
82) 3,3'-Dichlorobenzidine	21.736	252	166879	27.720 ng		96
83) Chrysene	21.900	228	868130	50.608 ng		98
84) Bis(2-ethylhexyl)phtha...	21.742	149	450725	56.183 ng		98
85) Di-n-octyl phthalate	22.999	149	774721	57.277 ng		99
87) Indeno(1,2,3-cd)pyrene	29.033	276	1117747	51.200 ng	#	97
88) Benzo(b)fluoranthene	24.133	252	914206	50.237 ng		99
89) Benzo(k)fluoranthene	24.209	252	937496	51.482 ng		97
90) Benzo(a)pyrene	25.044	252	883679	52.828 ng		100
91) Dibenzo(a,h)anthracene	29.109	278	916893	51.696 ng		98
92) Benzo(g,h,i)perylene	30.232	276	889128	52.478 ng		99

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

Quantitation Report (QT Reviewed)

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