Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064654.D
Acq On : 31 Oct 2025 13:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 03:35:06 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.216	152	29760	20.000	ng		0.00
21) Naphthalene-d8	11.042	136	121809	20.000	ng		0.00
39) Acenaphthene-d10	14.838	164	99146	20.000	ng		0.00
64) Phenanthrene-d10	17.576	188	255812	20.000	ng		0.00
76) Chrysene-d12	21.853	240	303338	20.000	ng		0.00
86) Perylene-d12	25.196	264	334065	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.749	112	150501	84.884	ng		0.00
7) Phenol-d6	7.353	99	206000	84.671	ng		0.00
23) Nitrobenzene-d5	9.380	82	205739	101.448	ng		0.00
42) 2,4,6-Tribromophenol	16.319	330	146464	102.353	ng		0.00
45) 2-Fluorobiphenyl	13.469	172	550409	84.147	ng		0.00
79) Terphenyl-d14	20.167	244	1315419	81.837	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.586	88	32251	41.086	ng		95
3) Pyridine	3.998	79	93547	39.685	ng		98
4) n-Nitrosodimethylamine	3.904	42	51503	40.742	ng		95
6) Aniline	7.529	93	136762	41.310	ng		99
8) 2-Chlorophenol	7.776	128	84243	45.394	ng		98
9) Benzaldehyde	7.341	77	59732	44.971	ng		96
10) Phenol	7.382	94	112447	41.792	ng		97
11) bis(2-Chloroethyl)ether	7.623	93	80745	40.817	ng		95
12) 1,3-Dichlorobenzene	8.111	146	91656	42.911	ng		97
13) 1,4-Dichlorobenzene	8.257	146	92453	42.569	ng		95
14) 1,2-Dichlorobenzene	8.581	146	89742	42.840	ng		98
15) Benzyl Alcohol	8.445	79	87326	43.527	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.739	45	207478	39.984	ng		98
17) 2-Methylphenol	8.645	107	76321	42.723	ng		98
18) Hexachloroethane	9.321	117	33456	43.896	ng		92
19) n-Nitroso-di-n-propyla...	9.021	70	70193	41.746	ng		99
20) 3+4-Methylphenols	8.974	107	106425	42.362	ng		96
22) Acetophenone	9.039	105	140475	42.188	ng		95
24) Nitrobenzene	9.427	77	106834	48.433	ng		97
25) Isophorone	9.950	82	207109	42.559	ng		99
26) 2-Nitrophenol	10.143	139	43580	50.996	ng		91
27) 2,4-Dimethylphenol	10.190	122	77929	43.051	ng		98
28) bis(2-Chloroethoxy)met...	10.431	93	116027	41.876	ng		98
29) 2,4-Dichlorophenol	10.678	162	89869	46.132	ng		96
30) 1,2,4-Trichlorobenzene	10.901	180	95331	43.070	ng		99
31) Naphthalene	11.095	128	282988	41.902	ng		98
32) Benzoic acid	10.296	122	59106	43.506	ng		94
33) 4-Chloroaniline	11.189	127	110439	42.073	ng		96
34) Hexachlorobutadiene	11.383	225	75914	43.856	ng		98
35) Caprolactam	11.947	113	32886	44.014	ng	#	93
36) 4-Chloro-3-methylphenol	12.288	107	104310	44.546	ng		99
37) 2-Methylnaphthalene	12.688	142	211429	42.641	ng		97
38) 1-Methylnaphthalene	12.905	142	206713	42.113	ng		99
40) 1,2,4,5-Tetrachloroben...	13.046	216	142351	42.781	ng		99
41) Hexachlorocyclopentadiene	13.034	237	72118	48.153	ng		94
43) 2,4,6-Trichlorophenol	13.275	196	92265	48.476	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	102397	46.620	ng		97
46) 1,1'-Biphenyl	13.681	154	292218	41.458	ng		95
47) 2-Chloronaphthalene	13.722	162	221744	41.677	ng		100
48) 2-Nitroaniline	13.910	65	83630	46.901	ng		93
49) Acenaphthylene	14.562	152	350872	41.810	ng		98
50) Dimethylphthalate	14.280	163	328584	43.311	ng		99
51) 2,6-Dinitrotoluene	14.397	165	59510	47.570	ng		98
52) Acenaphthene	14.903	154	248302	43.306	ng		98
53) 3-Nitroaniline	14.720	138	70138	53.795	ng		96
54) 2,4-Dinitrophenol	14.926	184	40959	55.180	ng	#	53
55) Dibenzofuran	15.238	168	388830	41.947	ng		98
56) 4-Nitrophenol	15.014	139	62759	51.918	ng		95
57) 2,4-Dinitrotoluene	15.179	165	96588	49.783	ng	#	97
58) Fluorene	15.884	166	310016	42.824	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	104637	49.820	ng		99
60) Diethylphthalate	15.643	149	330924	42.720	ng		100
61) 4-Chlorophenyl-phenyle...	15.872	204	176129	43.354	ng		98
62) 4-Nitroaniline	15.884	138	78755	54.295	ng		96
63) Azobenzene	16.160	77	295018	41.508	ng		98
65) 4,6-Dinitro-2-methylph...	15.943	198	61671	54.019	ng		97
66) n-Nitrosodiphenylamine	16.078	169	283639	41.047	ng		99
67) 4-Bromophenyl-phenylether	16.765	248	131799	43.477	ng		94
68) Hexachlorobenzene	16.889	284	151216	43.724	ng		96
69) Atrazine	17.018	200	124468	41.856	ng		96
70) Pentachlorophenol	17.218	266	103163	47.836	ng		93
71) Phenanthrene	17.617	178	587037	41.963	ng		99
72) Anthracene	17.711	178	589385	41.417	ng		99
73) Carbazole	17.970	167	528932	42.151	ng		100
74) Di-n-butylphthalate	18.528	149	610367	42.063	ng		99
75) Fluoranthene	19.615	202	756083	43.143	ng		99
77) Benzidine	19.779	184	330565	48.641	ng		99
78) Pyrene	19.973	202	792145	39.970	ng		100
80) Butylbenzylphthalate	20.849	149	274852	45.886	ng		96
81) Benzo(a)anthracene	21.836	228	853793	42.450	ng		99
82) 3,3'-Dichlorobenzidine	21.736	252	302039	44.970	ng		99
83) Chrysene	21.900	228	803594	41.990	ng		98
84) Bis(2-ethylhexyl)phtha...	21.736	149	399327	44.616	ng		97
85) Di-n-octyl phthalate	22.999	149	692038	45.860	ng		98
87) Indeno(1,2,3-cd)pyrene	29.039	276	1028556	41.854	ng		98
88) Benzo(b)fluoranthene	24.133	252	860704	42.017	ng		98
89) Benzo(k)fluoranthene	24.203	252	858121	41.862	ng		97
90) Benzo(a)pyrene	25.038	252	789156	41.910	ng		99
91) Dibenzo(a,h)anthracene	29.104	278	838779	42.012	ng		98
92) Benzo(g,h,i)perylene	30.232	276	797168	41.797	ng		96

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

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