Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064240.D
Acq On : 2 Sep 2025 11:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 12:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.853	152	45444	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	201380	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	132047	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	283321	20.000	ng		0.00
76) Chrysene-d12	21.449	240	271531	20.000	ng	#	0.00
86) Perylene-d12	24.458	264	295154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	214552	84.703	ng		0.00
7) Phenol-d6	7.025	99	294841	84.727	ng		0.00
23) Nitrobenzene-d5	9.011	82	304169	84.237	ng		0.00
42) 2,4,6-Tribromophenol	15.967	330	134961	77.164	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	708935	81.947	ng		0.00
79) Terphenyl-d14	19.839	244	1067377	82.014	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	45512	43.108	ng		88
3) Pyridine	3.752	79	128680	41.406	ng	#	57
4) n-Nitrosodimethylamine	3.670	42	80646	39.232	ng	#	80
6) Aniline	7.184	93	194264	40.369	ng		98
8) 2-Chlorophenol	7.419	128	126370	40.827	ng		95
9) Benzaldehyde	6.996	77	122863	42.902	ng		96
10) Phenol	7.048	94	160555	41.848	ng		99
11) bis(2-Chloroethyl)ether	7.278	93	118896	41.240	ng		95
12) 1,3-Dichlorobenzene	7.748	146	131839	40.038	ng		95
13) 1,4-Dichlorobenzene	7.889	146	136164	40.973	ng		97
14) 1,2-Dichlorobenzene	8.206	146	132029	41.164	ng		94
15) Benzyl Alcohol	8.088	79	123559	38.476	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.376	45	262506	39.881	ng		98
17) 2-Methylphenol	8.294	107	112350	39.292	ng		97
18) Hexachloroethane	8.935	117	53145	40.968	ng		94
19) n-Nitroso-di-n-propyla...	8.658	70	103352	38.806	ng		99
20) 3+4-Methylphenols	8.623	107	153627	38.667	ng		96
22) Acetophenone	8.670	105	206709	40.573	ng		97
24) Nitrobenzene	9.052	77	156373	41.449	ng		100
25) Isophorone	9.575	82	289881	38.627	ng	#	97
26) 2-Nitrophenol	9.757	139	68799	42.204	ng		89
27) 2,4-Dimethylphenol	9.822	122	118031	41.240	ng		99
28) bis(2-Chloroethoxy)met...	10.057	93	165717	40.953	ng		93
29) 2,4-Dichlorophenol	10.292	162	123451	40.880	ng		96
30) 1,2,4-Trichlorobenzene	10.509	180	126861	39.842	ng		98
31) Naphthalene	10.697	128	417200	39.952	ng		98
32) Benzoic acid	9.969	122	90624	39.889	ng		88
33) 4-Chloroaniline	10.797	127	159950	39.519	ng		99
34) Hexachlorobutadiene	10.985	225	90415	38.415	ng		93
35) Caprolactam	11.573	113	40407	34.557	ng	#	86
36) 4-Chloro-3-methylphenol	11.925	107	149890	38.256	ng		96
37) 2-Methylnaphthalene	12.301	142	306138	39.440	ng		97
38) 1-Methylnaphthalene	12.524	142	292923	38.207	ng		99
40) 1,2,4,5-Tetrachloroben...	12.671	216	158860	41.696	ng		99
41) Hexachlorocyclopentadiene	12.660	237	81717	45.129	ng		95
43) 2,4,6-Trichlorophenol	12.912	196	107124	42.067	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	112117	40.587	ng		95
46) 1,1'-Biphenyl	13.318	154	399200	41.507	ng		98
47) 2-Chloronaphthalene	13.359	162	296806	41.050	ng		98
48) 2-Nitroaniline	13.559	65	109593	44.470	ng		98
49) Acenaphthylene	14.199	152	435375	40.734	ng		98
50) Dimethylphthalate	13.940	163	381311	38.151	ng		99
51) 2,6-Dinitrotoluene	14.052	165	78226	40.428	ng		99
52) Acenaphthene	14.546	154	306743	40.667	ng		98
53) 3-Nitroaniline	14.381	138	82599	40.753	ng		87
54) 2,4-Dinitrophenol	14.587	184	45557	39.142	ng		89
55) Dibenzofuran	14.881	168	466702	39.337	ng		98
56) 4-Nitrophenol	14.687	139	65023	39.109	ng		99
57) 2,4-Dinitrotoluene	14.839	165	119624	40.888	ng		95
58) Fluorene	15.527	166	376365	38.704	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	104638	39.384	ng		99
60) Diethylphthalate	15.309	149	393489	36.786	ng		100
61) 4-Chlorophenyl-phenyle...	15.527	204	186415	38.449	ng		99
62) 4-Nitroaniline	15.544	138	84061	40.644	ng		96
63) Azobenzene	15.815	77	380928	39.956	ng		99
65) 4,6-Dinitro-2-methylph...	15.603	198	71393	43.890	ng		99
66) n-Nitrosodiphenylamine	15.738	169	324675	41.658	ng		97
67) 4-Bromophenyl-phenylether	16.414	248	125456	41.691	ng		96
68) Hexachlorobenzene	16.532	284	133724	40.017	ng		99
69) Atrazine	16.690	200	126391	38.838	ng		99
70) Pentachlorophenol	16.872	266	85841	42.365	ng	#	90
71) Phenanthrene	17.266	178	596786	39.937	ng		98
72) Anthracene	17.354	178	617516	40.625	ng		99
73) Carbazole	17.624	167	538567	40.219	ng		98
74) Di-n-butylphthalate	18.188	149	647298	40.235	ng		99
75) Fluoranthene	19.275	202	672270	38.261	ng		99
77) Benzidine	19.457	184	224980	39.387	ng		97
78) Pyrene	19.634	202	706031	41.272	ng		98
80) Butylbenzylphthalate	20.533	149	285838	44.301	ng		94
81) Benzo(a)anthracene	21.432	228	709732	40.856	ng		100
82) 3,3'-Dichlorobenzidine	21.355	252	231965	41.001	ng		98
83) Chrysene	21.496	228	680551	40.807	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	422412	43.606	ng		99
85) Di-n-octyl phthalate	22.501	149	733251	43.442	ng		99
87) Indeno(1,2,3-cd)pyrene	27.848	276	821481	40.755	ng	#	94
88) Benzo(b)fluoranthene	23.512	252	685172	41.131	ng		98
89) Benzo(k)fluoranthene	23.576	252	708838	41.768	ng		98
90) Benzo(a)pyrene	24.322	252	648483	41.849	ng		99
91) Dibenzo(a,h)anthracene	27.912	278	672659	41.564	ng		95
92) Benzo(g,h,i)perylene	28.905	276	641827	40.757	ng		98

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

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