Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On : 11 Mar 2025 9:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.866	152	35748	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	157879	20.000	ng		0.00
39) Acenaphthene-d10	14.488	164	108450	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	231599	20.000	ng		0.00
76) Chrysene-d12	21.462	240	235698	20.000	ng		0.00
86) Perylene-d12	24.476	264	254547	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	195131	85.232	ng		0.00
7) Phenol-d6	7.026	99	266279	85.497	ng		0.00
23) Nitrobenzene-d5	9.018	82	261773	91.628	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	109435	90.780	ng		0.00
45) 2-Fluorobiphenyl	13.113	172	592708	82.956	ng		0.00
79) Terphenyl-d14	19.846	244	952336	81.699	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.383	88	37941	36.567	ng		98
3) Pyridine	3.771	79	101109m	40.069	ng		
4) n-Nitrosodimethylamine	3.683	42	73862	40.969	ng	#	99
6) Aniline	7.190	93	124073	40.598	ng		97
8) 2-Chlorophenol	7.431	128	106642	43.370	ng		98
9) Benzaldehyde	7.002	77	63412	35.008	ng		96
10) Phenol	7.055	94	133929	42.000	ng		96
11) bis(2-Chloroethyl)ether	7.290	93	100490	40.197	ng		98
12) 1,3-Dichlorobenzene	7.754	146	109762	40.650	ng		97
13) 1,4-Dichlorobenzene	7.901	146	111281	40.208	ng		95
14) 1,2-Dichlorobenzene	8.213	146	109093	40.878	ng		99
15) Benzyl Alcohol	8.095	79	107040	44.475	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.389	45	221982	39.490	ng		99
17) 2-Methylphenol	8.301	107	89885	42.472	ng		96
18) Hexachloroethane	8.941	117	42648	44.043	ng		97
19) n-Nitroso-di-n-propyla...	8.665	70	91737	41.970	ng		95
20) 3+4-Methylphenols	8.630	107	120740	41.441	ng		92
22) Acetophenone	8.677	105	174799	40.381	ng	#	99
24) Nitrobenzene	9.059	77	128880	43.651	ng		94
25) Isophorone	9.582	82	228795	40.011	ng	#	94
26) 2-Nitrophenol	9.764	139	49705	48.562	ng		99
27) 2,4-Dimethylphenol	9.823	122	73314	42.768	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	140203	40.441	ng		98
29) 2,4-Dichlorophenol	10.298	162	98502	45.506	ng		98
30) 1,2,4-Trichlorobenzene	10.516	180	106429	40.730	ng		97
31) Naphthalene	10.704	128	349766	41.085	ng		98
32) Benzoic acid	9.969	122	69418	44.805	ng	#	88
33) 4-Chloroaniline	10.804	127	129722	41.691	ng		98
34) Hexachlorobutadiene	10.992	225	70927	41.411	ng		95
35) Caprolactam	11.573	113	34362	41.425	ng		96
36) 4-Chloro-3-methylphenol	11.926	107	121491	42.818	ng		98
37) 2-Methylnaphthalene	12.308	142	249215	41.466	ng		99
38) 1-Methylnaphthalene	12.525	142	243654	41.381	ng		95
40) 1,2,4,5-Tetrachloroben...	12.678	216	127243	41.097	ng		98
41) Hexachlorocyclopentadiene	12.660	237	48950	56.172	ng		92
43) 2,4,6-Trichlorophenol	12.913	196	81649	44.744	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	92347	45.545	ng		96
46) 1,1'-Biphenyl	13.318	154	340892	41.605	ng		98
47) 2-Chloronaphthalene	13.360	162	242387	40.562	ng		97
48) 2-Nitroaniline	13.559	65	84939	43.674	ng		97
49) Acenaphthylene	14.206	152	388400	41.092	ng		99
50) Dimethylphthalate	13.947	163	319000	39.848	ng		99
51) 2,6-Dinitrotoluene	14.059	165	69706	43.275	ng		96
52) Acenaphthene	14.552	154	256603	40.452	ng		99
53) 3-Nitroaniline	14.382	138	68013	43.958	ng		98
54) 2,4-Dinitrophenol	14.588	184	30294	48.212	ng	#	79
55) Dibenzofuran	14.887	168	415633	40.446	ng		99
56) 4-Nitrophenol	14.693	139	58538	45.112	ng		91
57) 2,4-Dinitrotoluene	14.846	165	93339	42.134	ng	#	100
58) Fluorene	15.534	166	319594	39.931	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	84485	42.741	ng	#	92
60) Diethylphthalate	15.316	149	344373	39.625	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	157411	39.577	ng		92
62) 4-Nitroaniline	15.551	138	71458	42.778	ng		94
63) Azobenzene	15.821	77	359348	38.749	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	50606	50.140	ng		95
66) n-Nitrosodiphenylamine	15.745	169	281422	42.928	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	104902	44.225	ng		96
68) Hexachlorobenzene	16.538	284	111247	41.892	ng		94
69) Atrazine	16.691	200	67925	35.215	ng		97
70) Pentachlorophenol	16.873	266	75630	45.869	ng		96
71) Phenanthrene	17.267	178	516063	41.776	ng		99
72) Anthracene	17.361	178	512021	41.684	ng		98
73) Carbazole	17.625	167	471338	41.099	ng		99
74) Di-n-butylphthalate	18.201	149	594241	44.019	ng		100
75) Fluoranthene	19.282	202	600130	40.298	ng		96
77) Benzidine	19.464	184	142644	43.706	ng		99
78) Pyrene	19.640	202	626162	41.212	ng		98
80) Butylbenzylphthalate	20.539	149	257480	45.377	ng		98
81) Benzo(a)anthracene	21.438	228	625706	41.443	ng		99
82) 3,3'-Dichlorobenzidine	21.362	252	211593	43.303	ng		99
83) Chrysene	21.503	228	609019	40.444	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	392178	48.030	ng		97
85) Di-n-octyl phthalate	22.519	149	667371	47.385	ng		100
87) Indeno(1,2,3-cd)pyrene	27.872	276	713846	41.914	ng	#	95
88) Benzo(b)fluoranthene	23.524	252	626576	40.718	ng		97
89) Benzo(k)fluoranthene	23.589	252	638186	41.340	ng		99
90) Benzo(a)pyrene	24.335	252	563063	41.085	ng		98
91) Dibenzo(a,h)anthracene	27.931	278	593693	42.048	ng		99
92) Benzo(g,h,i)perylene	28.930	276	597623	41.225	ng		97

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

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