Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064101.D
Acq On : 11 Mar 2025 18:39
Operator : RC/JU
Sample : Q1523-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 01:40:31 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

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	36056	20.000	ng		0.00
21) Naphthalene-d8	10.655	136	156544	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	103028	20.000	ng		0.00
64) Phenanthrene-d10	17.229	188	221547	20.000	ng		0.00
76) Chrysene-d12	21.460	240	226093	20.000	ng		0.00
86) Perylene-d12	24.474	264	249708	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.461	112	315231	136.514	ng		0.01
7) Phenol-d6	7.036	99	389473	123.983	ng		0.00
23) Nitrobenzene-d5	9.016	82	310481	109.604	ng		0.00
42) 2,4,6-Tribromophenol	15.978	330	187907	164.078	ng		0.00
45) 2-Fluorobiphenyl	13.117	172	661949	97.523	ng		0.00
79) Terphenyl-d14	19.850	244	1112185	99.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	35471	33.895	ng		95
3) Pyridine	3.781	79	71376	28.044	ng		94
4) n-Nitrosodimethylamine	3.687	42	75609	41.580	ng	#	90
6) Aniline	7.194	93	40483	13.133	ng		97
8) 2-Chlorophenol	7.429	128	108881	43.903	ng		95
9) Benzaldehyde	7.000	77	21285	11.650	ng		89
10) Phenol	7.065	94	127805	39.738	ng		96
11) bis(2-Chloroethyl)ether	7.294	93	100988	40.051	ng		98
12) 1,3-Dichlorobenzene	7.758	146	107881	39.612	ng		97
13) 1,4-Dichlorobenzene	7.899	146	111365	39.895	ng		99
14) 1,2-Dichlorobenzene	8.217	146	110547	41.069	ng		97
15) Benzyl Alcohol	8.099	79	113077	46.582	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.387	45	237518	41.893	ng		97
17) 2-Methylphenol	8.305	107	96648	45.277	ng		96
18) Hexachloroethane	8.945	117	43147	44.178	ng		96
19) n-Nitroso-di-n-propyla...	8.669	70	94127	42.696	ng		97
20) 3+4-Methylphenols	8.634	107	129344	44.015	ng		94
22) Acetophenone	8.681	105	199259	46.424	ng	#	99
24) Nitrobenzene	9.057	77	135203	46.183	ng		98
25) Isophorone	9.580	82	252205	44.481	ng		96
26) 2-Nitrophenol	9.768	139	55267	53.237	ng	#	92
27) 2,4-Dimethylphenol	9.832	122	103222	60.728	ng		96
28) bis(2-Chloroethoxy)met...	10.067	93	144572	42.057	ng		97
29) 2,4-Dichlorophenol	10.302	162	106650	49.690	ng		96
30) 1,2,4-Trichlorobenzene	10.520	180	111478	43.026	ng		99
31) Naphthalene	10.702	128	464117	54.982	ng		99
32) Benzoic acid	9.979	122	78106	49.671	ng		94
33) 4-Chloroaniline	10.808	127	16482	5.342	ng		94
34) Hexachlorobutadiene	10.990	225	75434	44.418	ng		93
35) Caprolactam	11.571	113	35936m	43.692	ng		
36) 4-Chloro-3-methylphenol	11.936	107	126049	44.803	ng		97
37) 2-Methylnaphthalene	12.312	142	290921	48.819	ng		99
38) 1-Methylnaphthalene	12.529	142	286104	49.005	ng		97
40) 1,2,4,5-Tetrachloroben...	12.682	216	145530	49.477	ng		95
41) Hexachlorocyclopentadiene	12.664	237	124219	150.049	ng		97
43) 2,4,6-Trichlorophenol	12.917	196	89450	51.599	ng		94

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Sample : Q1523-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.987	196	99263	51.533	ng		99
46)	1,1'-Biphenyl	13.322	154	394683	50.705	ng		97
47)	2-Chloronaphthalene	13.363	162	262755	46.284	ng		98
48)	2-Nitroaniline	13.563	65	95891	50.359	ng		93
49)	Acenaphthylene	14.210	152	428690	47.741	ng		99
50)	Dimethylphthalate	13.951	163	330647	43.476	ng		99
51)	2,6-Dinitrotoluene	14.063	165	69735	45.393	ng		98
52)	Acenaphthene	14.550	154	286985	47.623	ng		96
53)	3-Nitroaniline	14.386	138	24949	16.974	ng		91
54)	2,4-Dinitrophenol	14.591	184	71205	107.665	ng	#	74
55)	Dibenzofuran	14.885	168	419736	42.995	ng		99
56)	4-Nitrophenol	14.697	139	118571	96.184	ng		87
57)	2,4-Dinitrotoluene	14.850	165	102446	48.112	ng	#	92
58)	Fluorene	15.537	166	343951	45.236	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.114	232	92729	49.380	ng	#	94
60)	Diethylphthalate	15.314	149	348784	42.245	ng		98
61)	4-Chlorophenyl-phenyle...	15.531	204	165074	43.688	ng		91
62)	4-Nitroaniline	15.549	138	65883	41.516	ng		89
63)	Azobenzene	15.825	77	366345	41.582	ng		97
65)	4,6-Dinitro-2-methylph...	15.608	198	52129	53.364	ng		96
66)	n-Nitrosodiphenylamine	15.749	169	295060	47.050	ng		100
67)	4-Bromophenyl-phenylether	16.425	248	107957	47.578	ng		93
68)	Hexachlorobenzene	16.536	284	118715	46.733	ng		99
69)	Atrazine	16.695	200	113672	61.605	ng		97
70)	Pentachlorophenol	16.883	266	162398	102.963	ng		97
71)	Phenanthrene	17.271	178	558132	47.232	ng		99
72)	Anthracene	17.359	178	561343	47.773	ng		98
73)	Carbazole	17.629	167	511627	46.636	ng		99
74)	Di-n-butylphthalate	18.199	149	613742	47.527	ng		99
75)	Fluoranthene	19.280	202	623611	43.774	ng		99
77)	Benzidine	19.480	184	79527	25.402	ng		97
78)	Pyrene	19.644	202	648450	44.492	ng		99
80)	Butylbenzylphthalate	20.543	149	277190	50.481	ng		95
81)	Benzo(a)anthracene	21.442	228	681442	47.052	ng		98
82)	3,3'-Dichlorobenzidine	21.366	252	113580	24.232	ng		96
83)	Chrysene	21.507	228	644836	44.641	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.378	149	412705	52.691	ng		99
85)	Di-n-octyl phthalate	22.523	149	724128	53.599	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.882	276	804207	48.135	ng		98
88)	Benzo(b)fluoranthene	23.528	252	668767	44.302	ng		99
89)	Benzo(k)fluoranthene	23.593	252	682080	45.039	ng		98
90)	Benzo(a)pyrene	24.339	252	651163	48.435	ng		99
91)	Dibenzo(a,h)anthracene	27.940	278	667569	48.196	ng		96
92)	Benzo(g,h,i)perylene	28.933	276	630502	44.336	ng		99

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

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