Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064091.D
Acq On : 11 Mar 2025 11:54
Operator : RC/JU
Sample : Q1524-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 11 12:32:25 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 :
VNJ-241MS

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	37979	20.000	ng	#	0.00
21) Naphthalene-d8	10.655	136	164795	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	112370	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	238184	20.000	ng		0.00
76) Chrysene-d12	21.460	240	235742	20.000	ng		0.00
86) Perylene-d12	24.474	264	260668	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.455	112	283585	116.591	ng		0.00
7) Phenol-d6	7.036	99	372996	112.726	ng		0.00
23) Nitrobenzene-d5	9.016	82	248511	83.335	ng		0.00
42) 2,4,6-Tribromophenol	15.972	330	156329	125.156	ng		0.00
45) 2-Fluorobiphenyl	13.111	172	506244	68.383	ng		0.00
79) Terphenyl-d14	19.850	244	863576	74.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	39639	35.959	ng		91
3) Pyridine	3.757	79	97755	36.464	ng		98
4) n-Nitrosodimethylamine	3.675	42	80909	42.241	ng	#	95
6) Aniline	7.194	93	78395	24.145	ng		93
8) 2-Chlorophenol	7.429	128	123654	47.335	ng		95
9) Benzaldehyde	7.000	77	41387	21.506	ng		92
10) Phenol	7.059	94	162513	47.971	ng		96
11) bis(2-Chloroethyl)ether	7.288	93	115208	43.377	ng		97
12) 1,3-Dichlorobenzene	7.752	146	127642	44.495	ng		94
13) 1,4-Dichlorobenzene	7.899	146	128794	43.802	ng		99
14) 1,2-Dichlorobenzene	8.217	146	126725	44.695	ng		98
15) Benzyl Alcohol	8.099	79	122966	48.091	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.387	45	260916	43.689	ng		98
17) 2-Methylphenol	8.305	107	107250	47.700	ng		96
18) Hexachloroethane	8.945	117	50163	48.761	ng		98
19) n-Nitroso-di-n-propyla...	8.669	70	97338	41.917	ng		97
20) 3+4-Methylphenols	8.628	107	143840	46.469	ng		91
22) Acetophenone	8.681	105	215036	47.592	ng	#	97
24) Nitrobenzene	9.057	77	146864	47.655	ng		99
25) Isophorone	9.580	82	268028	44.905	ng		98
26) 2-Nitrophenol	9.762	139	58166	53.227	ng		97
27) 2,4-Dimethylphenol	9.832	122	110494	61.751	ng		99
28) bis(2-Chloroethoxy)met...	10.061	93	157229	43.449	ng		99
29) 2,4-Dichlorophenol	10.297	162	113550	50.256	ng		98
30) 1,2,4-Trichlorobenzene	10.514	180	121187	44.431	ng		98
31) Naphthalene	10.702	128	390542	43.949	ng		98
32) Benzoic acid	9.973	122	91150m	54.121	ng		
33) 4-Chloroaniline	10.808	127	33066	10.181	ng		98
34) Hexachlorobutadiene	10.996	225	84315	47.162	ng		97
35) Caprolactam	11.566	113	43258m	49.961	ng		
36) 4-Chloro-3-methylphenol	11.930	107	140733	47.518	ng		98
37) 2-Methylnaphthalene	12.312	142	266743	42.520	ng		97
38) 1-Methylnaphthalene	12.529	142	265282	43.163	ng		95
40) 1,2,4,5-Tetrachloroben...	12.682	216	159778	49.805	ng		98
41) Hexachlorocyclopentadiene	12.664	237	190782	211.294	ng		99
43) 2,4,6-Trichlorophenol	12.917	196	93753	49.585	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	107021	50.941	ng		97
46) 1,1'-Biphenyl	13.322	154	417546	49.183	ng		99
47) 2-Chloronaphthalene	13.364	162	276497	44.656	ng		98
48) 2-Nitroaniline	13.557	65	100198	48.612	ng		95
49) Acenaphthylene	14.210	152	455574	46.517	ng		99
50) Dimethylphthalate	13.951	163	348262	41.985	ng		100
51) 2,6-Dinitrotoluene	14.057	165	75218	44.929	ng		95
52) Acenaphthene	14.550	154	284311	43.257	ng		98
53) 3-Nitroaniline	14.386	138	37345	23.295	ng	#	99
54) 2,4-Dinitrophenol	14.591	184	90449	124.095	ng	#	81
55) Dibenzofuran	14.885	168	448409	42.114	ng		98
56) 4-Nitrophenol	14.697	139	147946	110.035	ng	#	83
57) 2,4-Dinitrotoluene	14.844	165	111043	47.837	ng	#	95
58) Fluorene	15.537	166	360603	43.483	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	102445m	50.019	ng		
60) Diethylphthalate	15.314	149	381664	42.384	ng		99
61) 4-Chlorophenyl-phenyle...	15.532	204	172383	41.830	ng	#	85
62) 4-Nitroaniline	15.549	138	79784	46.096	ng		92
63) Azobenzene	15.825	77	419093	43.614	ng		98
65) 4,6-Dinitro-2-methylph...	15.608	198	61184	57.508	ng		93
66) n-Nitrosodiphenylamine	15.743	169	317353	47.070	ng		99
67) 4-Bromophenyl-phenylether	16.425	248	117875	48.320	ng		99
68) Hexachlorobenzene	16.536	284	128338	46.992	ng		97
69) Atrazine	16.695	200	142465	71.817	ng		95
70) Pentachlorophenol	16.877	266	186136	109.770	ng		98
71) Phenanthrene	17.271	178	684606	53.888	ng		99
72) Anthracene	17.359	178	617998	48.921	ng		97
73) Carbazole	17.629	167	563342	47.763	ng		99
74) Di-n-butylphthalate	18.199	149	666674	48.020	ng		99
75) Fluoranthene	19.280	202	881117	57.530	ng		98
77) Benzidine	19.462	184	188076	57.615	ng		99
78) Pyrene	19.644	202	875616	57.620	ng		100
80) Butylbenzylphthalate	20.543	149	295368	51.510	ng		96
81) Benzo(a)anthracene	21.442	228	780343	51.675	ng		99
82) 3,3'-Dichlorobenzidine	21.360	252	119108	24.371	ng		97
83) Chrysene	21.507	228	778326	51.677	ng		98
84) Bis(2-ethylhexyl)phtha...	21.378	149	450595	55.174	ng		100
85) Di-n-octyl phthalate	22.523	149	765208	54.322	ng		99
87) Indeno(1,2,3-cd)pyrene	27.876	276	922445	52.890	ng	#	95
88) Benzo(b)fluoranthene	23.528	252	833473	52.891	ng		99
89) Benzo(k)fluoranthene	23.593	252	800743	50.652	ng		98
90) Benzo(a)pyrene	24.333	252	748958	53.366	ng		98
91) Dibenzo(a,h)anthracene	27.941	278	708354	48.991	ng		99
92) Benzo(g,h,i)perylene	28.945	276	723226	48.718	ng		97

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

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