Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064136.D
Acq On : 1 Apr 2025 15:44
Operator : RC/JU
Sample : Q1664-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 01 16:29:46 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	7.864	152	32445	20.000	ng		0.00
21) Naphthalene-d8	10.649	136	141900	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	97582	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	230185	20.000	ng		0.00
76) Chrysene-d12	21.454	240	254217	20.000	ng		0.00
86) Perylene-d12	24.462	264	279147	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.449	112	129339	62.246	ng		0.00
7) Phenol-d6	7.024	99	100183	35.441	ng		0.00
23) Nitrobenzene-d5	9.010	82	299411	116.603	ng		0.00
42) 2,4,6-Tribromophenol	15.972	330	210031	193.632	ng		0.00
45) 2-Fluorobiphenyl	13.111	172	672154	104.553	ng		0.00
79) Terphenyl-d14	19.844	244	1323945	105.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	15089	16.023	ng		93
3) Pyridine	3.757	79	40455	17.664	ng		95
4) n-Nitrosodimethylamine	3.669	42	30671	18.744	ng		98
6) Aniline	7.182	93	69093	24.909	ng		95
8) 2-Chlorophenol	7.423	128	94084	42.159	ng		96
9) Benzaldehyde	7.000	77	84183	51.206	ng		97
10) Phenol	7.047	94	40002	13.822	ng		95
11) bis(2-Chloroethyl)ether	7.282	93	106739	47.043	ng		95
12) 1,3-Dichlorobenzene	7.752	146	91380	37.288	ng		97
13) 1,4-Dichlorobenzene	7.899	146	95852	38.159	ng		97
14) 1,2-Dichlorobenzene	8.211	146	96765	39.950	ng		97
15) Benzyl Alcohol	8.093	79	78176	35.789	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.387	45	241066m	47.251	ng		
17) 2-Methylphenol	8.299	107	67636	35.212	ng		94
18) Hexachloroethane	8.939	117	33724	38.373	ng		94
19) n-Nitroso-di-n-propyla...	8.663	70	105081	52.969	ng		95
20) 3+4-Methylphenols	8.622	107	80940	30.609	ng		95
22) Acetophenone	8.675	105	199860	51.370	ng	#	96
24) Nitrobenzene	9.051	77	151097	56.939	ng		97
25) Isophorone	9.580	82	288079	56.052	ng		96
26) 2-Nitrophenol	9.762	139	58921	60.582	ng	#	92
27) 2,4-Dimethylphenol	9.826	122	104437	67.783	ng		97
28) bis(2-Chloroethoxy)met...	10.061	93	160057	51.367	ng		98
29) 2,4-Dichlorophenol	10.290	162	108281	55.657	ng		97
30) 1,2,4-Trichlorobenzene	10.514	180	105376	44.868	ng		99
31) Naphthalene	10.696	128	356563	46.599	ng		99
32) Benzoic acid	9.909	122	21042m	20.869	ng		
33) 4-Chloroaniline	10.796	127	60514	21.638	ng		97
34) Hexachlorobutadiene	10.990	225	65720	42.692	ng		95
35) Caprolactam	11.565	113	7606m	10.202	ng		
36) 4-Chloro-3-methylphenol	11.924	107	126660	49.667	ng		100
37) 2-Methylnaphthalene	12.306	142	253060	46.848	ng		99
38) 1-Methylnaphthalene	12.529	142	265405	50.151	ng		98
40) 1,2,4,5-Tetrachloroben...	12.676	216	144027	51.699	ng		98
41) Hexachlorocyclopentadiene	12.664	237	186029	237.253	ng		92
43) 2,4,6-Trichlorophenol	12.911	196	104057	63.375	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.981	196	113775	62.363	ng		99
46)	1,1'-Biphenyl	13.322	154	399444	54.181	ng		99
47)	2-Chloronaphthalene	13.357	162	288267	53.612	ng		96
48)	2-Nitroaniline	13.557	65	117324	62.103	ng		97
49)	Acenaphthylene	14.209	152	505558	59.444	ng		98
50)	Dimethylphthalate	13.945	163	411716	57.157	ng		98
51)	2,6-Dinitrotoluene	14.057	165	89010	60.006	ng		94
52)	Acenaphthene	14.550	154	306320	53.668	ng		99
53)	3-Nitroaniline	14.380	138	42484	30.516	ng	#	95
54)	2,4-Dinitrophenol	14.591	184	94881	148.264	ng	#	70
55)	Dibenzofuran	14.885	168	485853	52.546	ng		97
56)	4-Nitrophenol	14.691	139	46751	40.041	ng	#	87
57)	2,4-Dinitrotoluene	14.844	165	128791	62.667	ng	#	96
58)	Fluorene	15.531	166	403841	56.077	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.108	232	114658	64.466	ng		94
60)	Diethylphthalate	15.314	149	440628	56.347	ng		99
61)	4-Chlorophenyl-phenyle...	15.531	204	193862	54.171	ng		93
62)	4-Nitroaniline	15.549	138	89173	59.328	ng		94
63)	Azobenzene	15.819	77	450900	54.036	ng		97
65)	4,6-Dinitro-2-methylph...	15.608	198	75669	71.307	ng		97
66)	n-Nitrosodiphenylamine	15.743	169	363176	55.739	ng		98
67)	4-Bromophenyl-phenylether	16.419	248	135154	57.329	ng		94
68)	Hexachlorobenzene	16.536	284	148071	56.101	ng		98
69)	Atrazine	16.695	200	157650	82.233	ng		95
70)	Pentachlorophenol	16.877	266	214754	131.048	ng		99
71)	Phenanthrene	17.271	178	714802	58.220	ng		99
72)	Anthracene	17.359	178	721645	59.111	ng		98
73)	Carbazole	17.623	167	687587	60.323	ng		98
74)	Di-n-butylphthalate	18.199	149	836411	62.339	ng		100
75)	Fluoranthene	19.280	202	867550	58.612	ng		96
77)	Benzidine	19.456	184	92624	26.312	ng		97
78)	Pyrene	19.638	202	896907	54.732	ng		99
80)	Butylbenzylphthalate	20.537	149	386471	61.723	ng		94
81)	Benzo(a)anthracene	21.436	228	943149	57.917	ng		98
82)	3,3'-Dichlorobenzidine	21.360	252	178281	33.828	ng		99
83)	Chrysene	21.501	228	890505	54.829	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.372	149	573663	65.138	ng		99
85)	Di-n-octyl phthalate	22.511	149	995308	65.521	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.870	276	1108149	59.332	ng		99
88)	Benzo(b)fluoranthene	23.522	252	922469	54.663	ng		98
89)	Benzo(k)fluoranthene	23.581	252	943597	55.737	ng		99
90)	Benzo(a)pyrene	24.333	252	899894	59.877	ng		98
91)	Dibenzo(a,h)anthracene	27.929	278	912813	58.952	ng		99
92)	Benzo(g,h,i)perylene	28.927	276	894624	56.274	ng		98

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

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