Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064147.D
Acq On : 2 Apr 2025 10:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 02 11:35:05 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.858	152	40009	20.000	ng		0.00
21) Naphthalene-d8	10.643	136	180922	20.000	ng		-0.01
39) Acenaphthene-d10	14.480	164	128788	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	276007	20.000	ng		0.00
76) Chrysene-d12	21.454	240	272000	20.000	ng		0.00
86) Perylene-d12	24.462	264	297338	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	193113	75.367	ng		0.00
7) Phenol-d6	7.024	99	272474	78.168	ng		0.00
23) Nitrobenzene-d5	9.010	82	270996	82.775	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	125430	87.617	ng		0.00
45) 2-Fluorobiphenyl	13.111	172	657963	77.547	ng		0.00
79) Terphenyl-d14	19.844	244	1039548	77.278	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	44655	38.454	ng		96
3) Pyridine	3.757	79	115128	40.766	ng		97
4) n-Nitrosodimethylamine	3.675	42	85645	42.445	ng		96
6) Aniline	7.189	93	126350	36.940	ng		96
8) 2-Chlorophenol	7.424	128	107278	38.983	ng		99
9) Benzaldehyde	7.000	77	75186	37.087	ng		93
10) Phenol	7.053	94	139683	39.140	ng		94
11) bis(2-Chloroethyl)ether	7.283	93	100172	35.802	ng		92
12) 1,3-Dichlorobenzene	7.753	146	109249	36.151	ng		97
13) 1,4-Dichlorobenzene	7.894	146	114073	36.827	ng		99
14) 1,2-Dichlorobenzene	8.211	146	111652	37.381	ng		95
15) Benzyl Alcohol	8.093	79	111494	41.392	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	224963	35.758	ng		97
17) 2-Methylphenol	8.299	107	93573	39.506	ng		99
18) Hexachloroethane	8.939	117	46313	42.734	ng		89
19) n-Nitroso-di-n-propyla...	8.663	70	93095	38.056	ng		98
20) 3+4-Methylphenols	8.622	107	129005	39.562	ng		90
22) Acetophenone	8.675	105	186640	37.625	ng	#	99
24) Nitrobenzene	9.051	77	135340	40.001	ng		96
25) Isophorone	9.574	82	235643	35.960	ng	#	92
26) 2-Nitrophenol	9.756	139	54806	47.078	ng		91
27) 2,4-Dimethylphenol	9.821	122	78922	40.175	ng		89
28) bis(2-Chloroethoxy)met...	10.062	93	145387	36.595	ng		99
29) 2,4-Dichlorophenol	10.291	162	104413	42.093	ng		97
30) 1,2,4-Trichlorobenzene	10.508	180	113805	38.005	ng		98
31) Naphthalene	10.696	128	379430	38.893	ng		99
32) Benzoic acid	9.956	122	79065	44.584	ng		92
33) 4-Chloroaniline	10.796	127	138459	38.831	ng		97
34) Hexachlorobutadiene	10.990	225	78440	39.965	ng		99
35) Caprolactam	11.566	113	37422	39.368	ng		93
36) 4-Chloro-3-methylphenol	11.924	107	135879	41.790	ng		96
37) 2-Methylnaphthalene	12.306	142	276051	40.082	ng		99
38) 1-Methylnaphthalene	12.523	142	275959	40.898	ng		99
40) 1,2,4,5-Tetrachloroben...	12.676	216	142928	38.873	ng		96
41) Hexachlorocyclopentadiene	12.659	237	54167	52.343	ng		98
43) 2,4,6-Trichlorophenol	12.911	196	92380	42.630	ng		91

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.982	196	106572	44.261	ng		98
46)	1,1'-Biphenyl	13.317	154	377251	38.772	ng		99
47)	2-Chloronaphthalene	13.358	162	271661	38.281	ng		99
48)	2-Nitroaniline	13.558	65	98215	42.722	ng		99
49)	Acenaphthylene	14.204	152	429958	38.305	ng		99
50)	Dimethylphthalate	13.939	163	352410	37.069	ng		99
51)	2,6-Dinitrotoluene	14.057	165	75971	39.992	ng		98
52)	Acenaphthene	14.545	154	284940	37.826	ng		98
53)	3-Nitroaniline	14.386	138	75867	41.291	ng		95
54)	2,4-Dinitrophenol	14.586	184	36746	49.076	ng	#	76
55)	Dibenzofuran	14.880	168	458223	37.549	ng		99
56)	4-Nitrophenol	14.686	139	63476	41.192	ng		96
57)	2,4-Dinitrotoluene	14.838	165	104017	39.763	ng	#	98
58)	Fluorene	15.532	166	357518	37.615	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.109	232	97818m	41.671	ng		
60)	Diethylphthalate	15.308	149	376677	36.498	ng		98
61)	4-Chlorophenyl-phenyle...	15.526	204	174050	36.850	ng	#	89
62)	4-Nitroaniline	15.543	138	79595	40.124	ng		95
63)	Azobenzene	15.820	77	392418	35.632	ng		98
65)	4,6-Dinitro-2-methylph...	15.602	198	56598	47.558	ng		93
66)	n-Nitrosodiphenylamine	15.737	169	307413	39.348	ng		99
67)	4-Bromophenyl-phenylether	16.419	248	115612	40.898	ng		96
68)	Hexachlorobenzene	16.536	284	122589	38.736	ng		94
69)	Atrazine	16.689	200	80079	34.836	ng		98
70)	Pentachlorophenol	16.871	266	83487	42.488	ng		95
71)	Phenanthrene	17.265	178	568433	38.612	ng		98
72)	Anthracene	17.353	178	568614	38.844	ng		99
73)	Carbazole	17.623	167	517119	37.836	ng		100
74)	Di-n-butylphthalate	18.193	149	645915	40.149	ng		100
75)	Fluoranthene	19.274	202	666088	37.530	ng		98
77)	Benzidine	19.456	184	182825	48.541	ng		99
78)	Pyrene	19.633	202	685116	39.074	ng		99
80)	Butylbenzylphthalate	20.538	149	291095	44.528	ng		95
81)	Benzo(a)anthracene	21.437	228	683067	39.204	ng		98
82)	3,3'-Dichlorobenzidine	21.354	252	232056	41.153	ng		99
83)	Chrysene	21.495	228	661837	38.085	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.366	149	425251	45.129	ng		100
85)	Di-n-octyl phthalate	22.512	149	734334	45.181	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.853	276	769870	38.698	ng	#	94
88)	Benzo(b)fluoranthene	23.516	252	703275	39.125	ng		99
89)	Benzo(k)fluoranthene	23.575	252	673473	37.347	ng		99
90)	Benzo(a)pyrene	24.321	252	606600	37.892	ng		97
91)	Dibenzo(a,h)anthracene	27.917	278	645517	39.139	ng		97
92)	Benzo(g,h,i)perylene	28.910	276	637815	37.666	ng		98

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

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