Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 13:40:21 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

04/04/2025
Supervised By :Jagrut Upadhyay

04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.856	152	32960	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	151982	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	113011	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	257861	20.000	ng		0.00
76) Chrysene-d12	21.457	240	259274	20.000	ng		0.00
86) Perylene-d12	24.471	264	274699	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.447	112	160341	75.960	ng		0.00
7) Phenol-d6	7.027	99	229007	79.749	ng		0.00
23) Nitrobenzene-d5	9.013	82	234949	85.429	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	117878	93.837	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	581791	78.142	ng		0.00
79) Terphenyl-d14	19.847	244	1005500	78.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.367	88	33853	35.387	ng		98
3) Pyridine	3.755	79	81588	35.068	ng		96
4) n-Nitrosodimethylamine	3.672	42	61558	37.032	ng		90
6) Aniline	7.192	93	104630	37.132	ng		96
8) 2-Chlorophenol	7.427	128	89545	39.498	ng		97
9) Benzaldehyde	7.004	77	61316	36.714	ng		97
10) Phenol	7.051	94	112526	38.273	ng		97
11) bis(2-Chloroethyl)ether	7.286	93	83800	36.356	ng		98
12) 1,3-Dichlorobenzene	7.750	146	94134	37.811	ng		96
13) 1,4-Dichlorobenzene	7.897	146	95654	37.485	ng		97
14) 1,2-Dichlorobenzene	8.214	146	94758	38.510	ng		96
15) Benzyl Alcohol	8.097	79	95305	42.949	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.390	45	190880	36.829	ng		99
17) 2-Methylphenol	8.296	107	80461	41.235	ng		94
18) Hexachloroethane	8.937	117	37444	41.940	ng		99
19) n-Nitroso-di-n-propyla...	8.661	70	81288	40.336	ng		99
20) 3+4-Methylphenols	8.625	107	108970	40.565	ng		93
22) Acetophenone	8.672	105	158820	38.113	ng		99
24) Nitrobenzene	9.054	77	120042	42.235	ng		97
25) Isophorone	9.577	82	206038	37.430	ng	#	97
26) 2-Nitrophenol	9.765	139	48005	48.689	ng		91
27) 2,4-Dimethylphenol	9.824	122	67506	40.907	ng		99
28) bis(2-Chloroethoxy)met...	10.059	93	127095	38.083	ng		96
29) 2,4-Dichlorophenol	10.294	162	88857	42.643	ng		96
30) 1,2,4-Trichlorobenzene	10.511	180	98879	39.309	ng		96
31) Naphthalene	10.699	128	325532	39.722	ng		99
32) Benzoic acid	9.965	122	76750m	50.168	ng		
33) 4-Chloroaniline	10.799	127	121235	40.475	ng		96
34) Hexachlorobutadiene	10.993	225	66897	40.574	ng		99
35) Caprolactam	11.569	113	33826	42.361	ng		89
36) 4-Chloro-3-methylphenol	11.927	107	120643	44.169	ng		99
37) 2-Methylnaphthalene	12.309	142	242629	41.937	ng		98
38) 1-Methylnaphthalene	12.527	142	238561	42.088	ng		95
40) 1,2,4,5-Tetrachloroben...	12.679	216	125862	39.010	ng		98
41) Hexachlorocyclopentadiene	12.662	237	50540	55.656	ng		98
43) 2,4,6-Trichlorophenol	12.914	196	81723	42.978	ng		99

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44)	2,4,5-Trichlorophenol	12.985	196	92850	43.945	ng		97
46)	1,1'-Biphenyl	13.320	154	328066	38.424	ng		99
47)	2-Chloronaphthalene	13.361	162	236288	37.945	ng		95
48)	2-Nitroaniline	13.561	65	89492	44.074	ng		97
49)	Acenaphthylene	14.207	152	378041	38.382	ng		100
50)	Dimethylphthalate	13.943	163	328899	39.426	ng		100
51)	2,6-Dinitrotoluene	14.060	165	69764	41.696	ng		96
52)	Acenaphthene	14.548	154	252698	38.229	ng		97
53)	3-Nitroaniline	14.383	138	70451	43.696	ng		98
54)	2,4-Dinitrophenol	14.589	184	34525	51.990	ng	#	85
55)	Dibenzofuran	14.883	168	413808	38.644	ng		97
56)	4-Nitrophenol	14.695	139	59592	44.070	ng		90
57)	2,4-Dinitrotoluene	14.847	165	98910	42.785	ng	#	95
58)	Fluorene	15.535	166	328800	39.423	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.030	232	93492	45.389	ng		97
60)	Diethylphthalate	15.312	149	367087	40.534	ng		98
61)	4-Chlorophenyl-phenyle...	15.529	204	163185	39.373	ng		93
62)	4-Nitroaniline	15.547	138	77114	44.300	ng		88
63)	Azobenzene	15.817	77	369721	38.258	ng		99
65)	4,6-Dinitro-2-methylph...	15.611	198	57696	51.147	ng		94
66)	n-Nitrosodiphenylamine	15.741	169	285532	39.119	ng		95
67)	4-Bromophenyl-phenylether	16.422	248	108942	41.251	ng		98
68)	Hexachlorobenzene	16.534	284	118452	40.062	ng		96
69)	Atrazine	16.686	200	74539	34.708	ng		96
70)	Pentachlorophenol	16.874	266	80767	43.996	ng		96
71)	Phenanthrene	17.268	178	536739	39.025	ng		99
72)	Anthracene	17.356	178	539984	39.484	ng		99
73)	Carbazole	17.627	167	501891	39.306	ng		99
74)	Di-n-butylphthalate	18.196	149	634185	42.194	ng		100
75)	Fluoranthene	19.278	202	642628	38.757	ng		97
77)	Benzidine	19.460	184	181482	50.549	ng		99
78)	Pyrene	19.642	202	659960	39.487	ng		99
80)	Butylbenzylphthalate	20.535	149	283271	45.382	ng		98
81)	Benzo(a)anthracene	21.440	228	648901	39.071	ng		99
82)	3,3'-Dichlorobenzidine	21.363	252	225362	41.927	ng		98
83)	Chrysene	21.504	228	624492	37.700	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.369	149	415542	46.263	ng		99
85)	Di-n-octyl phthalate	22.509	149	718709	46.390	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.867	276	723995	39.391	ng		98
88)	Benzo(b)fluoranthene	23.520	252	664324	40.004	ng		99
89)	Benzo(k)fluoranthene	23.590	252	615757	36.961	ng		99
90)	Benzo(a)pyrene	24.330	252	580328	39.239	ng		98
91)	Dibenzo(a,h)anthracene	27.932	278	610274	40.051	ng		99
92)	Benzo(g,h,i)perylene	28.931	276	606526	38.770	ng		94

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

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