Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064180.D
Acq On : 4 Apr 2025 00:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 04 01:49:28 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 :Rahul Chavli

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	7.861	152	36361	20.000	ng	#	0.00
21) Naphthalene-d8	10.646	136	169237	20.000	ng		-0.01
39) Acenaphthene-d10	14.483	164	128493	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	279161	20.000	ng	#	0.00
76) Chrysene-d12	21.457	240	279319	20.000	ng		0.00
86) Perylene-d12	24.465	264	301647	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	167085	71.751	ng		0.00
7) Phenol-d6	7.027	99	243789	76.956	ng		0.00
23) Nitrobenzene-d5	9.013	82	261818	85.493	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	133226	93.277	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	634875	74.997	ng		0.00
79) Terphenyl-d14	19.841	244	1072914	77.668	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.366	88	32003	30.324	ng		96
3) Pyridine	3.754	79	82246	32.044	ng		98
4) n-Nitrosodimethylamine	3.666	42	62402	34.029	ng	#	93
6) Aniline	7.185	93	113245	36.430	ng		98
8) 2-Chlorophenol	7.426	128	97174	38.854	ng		95
9) Benzaldehyde	6.997	77	72751	39.487	ng		94
10) Phenol	7.050	94	121657	37.509	ng		96
11) bis(2-Chloroethyl)ether	7.285	93	89750	35.296	ng		99
12) 1,3-Dichlorobenzene	7.749	146	99785	36.332	ng		96
13) 1,4-Dichlorobenzene	7.896	146	102586	36.441	ng		97
14) 1,2-Dichlorobenzene	8.208	146	101821	37.510	ng		99
15) Benzyl Alcohol	8.096	79	103205	42.159	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.390	45	205615	35.961	ng		99
17) 2-Methylphenol	8.296	107	89192	41.434	ng		97
18) Hexachloroethane	8.936	117	41027	41.655	ng		95
19) n-Nitroso-di-n-propyla...	8.666	70	87384	39.305	ng		97
20) 3+4-Methylphenols	8.625	107	122771	41.427	ng		94
22) Acetophenone	8.672	105	169794	36.593	ng	#	96
24) Nitrobenzene	9.054	77	128508	40.604	ng		95
25) Isophorone	9.577	82	232781	37.976	ng		96
26) 2-Nitrophenol	9.759	139	58392	52.268	ng	#	94
27) 2,4-Dimethylphenol	9.823	122	73912	40.223	ng		93
28) bis(2-Chloroethoxy)met...	10.058	93	138103	37.162	ng		97
29) 2,4-Dichlorophenol	10.293	162	100043	43.116	ng		96
30) 1,2,4-Trichlorobenzene	10.511	180	106502	38.022	ng		97
31) Naphthalene	10.699	128	348432	38.181	ng		100
32) Benzoic acid	9.970	122	78328m	46.705	ng		
33) 4-Chloroaniline	10.799	127	130097	39.005	ng		96
34) Hexachlorobutadiene	10.987	225	75893	41.337	ng		94
35) Caprolactam	11.574	113	38512	43.312	ng	#	89
36) 4-Chloro-3-methylphenol	11.927	107	136213	44.785	ng		97
37) 2-Methylnaphthalene	12.303	142	259855	40.335	ng		95
38) 1-Methylnaphthalene	12.526	142	258144	40.900	ng		99
40) 1,2,4,5-Tetrachloroben...	12.673	216	138236	37.683	ng		100
41) Hexachlorocyclopentadiene	12.655	237	53525	51.842	ng		93
43) 2,4,6-Trichlorophenol	12.914	196	90101	41.674	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	102339	42.600	ng		96
46) 1,1'-Biphenyl	13.319	154	366822	37.786	ng		98
47) 2-Chloronaphthalene	13.360	162	263173	37.170	ng		97
48) 2-Nitroaniline	13.554	65	102123	44.207	ng		91
49) Acenaphthylene	14.206	152	428453	38.259	ng		100
50) Dimethylphthalate	13.942	163	361902	38.155	ng		99
51) 2,6-Dinitrotoluene	14.060	165	81289	42.647	ng		92
52) Acenaphthene	14.547	154	285176	37.944	ng		96
53) 3-Nitroaniline	14.383	138	80914	44.139	ng		99
54) 2,4-Dinitrophenol	14.588	184	39394	52.146	ng	#	68
55) Dibenzofuran	14.882	168	464105	38.119	ng		95
56) 4-Nitrophenol	14.688	139	64073	41.675	ng		91
57) 2,4-Dinitrotoluene	14.841	165	112207	42.697	ng	#	93
58) Fluorene	15.528	166	367999	38.807	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.105	232	102360m	43.706	ng		
60) Diethylphthalate	15.311	149	411599	39.973	ng		98
61) 4-Chlorophenyl-phenyle...	15.528	204	182133	38.650	ng		94
62) 4-Nitroaniline	15.546	138	84639	42.765	ng		91
63) Azobenzene	15.816	77	406478	36.994	ng		98
65) 4,6-Dinitro-2-methylph...	15.605	198	64821	52.769	ng		94
66) n-Nitrosodiphenylamine	15.740	169	316640	40.071	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	121299	42.425	ng		93
68) Hexachlorobenzene	16.533	284	134489	42.016	ng		97
69) Atrazine	16.686	200	80243	34.513	ng		93
70) Pentachlorophenol	16.874	266	87317	43.935	ng		93
71) Phenanthrene	17.268	178	581849	39.077	ng		99
72) Anthracene	17.356	178	589607	39.823	ng		99
73) Carbazole	17.626	167	528171	38.208	ng		99
74) Di-n-butylphthalate	18.196	149	674955	41.480	ng		99
75) Fluoranthene	19.277	202	678131	37.777	ng		97
77) Benzidine	19.453	184	178812	46.231	ng		98
78) Pyrene	19.635	202	696619	38.689	ng		99
80) Butylbenzylphthalate	20.534	149	300644	44.763	ng		97
81) Benzo(a)anthracene	21.433	228	699366	39.087	ng		99
82) 3,3'-Dichlorobenzidine	21.357	252	239614	41.380	ng		99
83) Chrysene	21.498	228	670195	37.556	ng		99
84) Bis(2-ethylhexyl)phtha...	21.369	149	438207	45.286	ng		99
85) Di-n-octyl phthalate	22.508	149	765814	45.883	ng		98
87) Indeno(1,2,3-cd)pyrene	27.855	276	802600	39.767	ng		99
88) Benzo(b)fluoranthene	23.519	252	717018	39.320	ng		98
89) Benzo(k)fluoranthene	23.584	252	673981	36.841	ng		97
90) Benzo(a)pyrene	24.324	252	632947	38.973	ng		98
91) Dibenzo(a,h)anthracene	27.920	278	658581	39.360	ng		97
92) Benzo(g,h,i)perylene	28.924	276	663406	38.617	ng	#	92

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

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