Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051042.D
Acq On : 15 Nov 2021 15:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 16:05:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	36112	20.000	ng		0.00
21) Naphthalene-d8	11.061	136	153461	20.000	ng	#	0.00
39) Acenaphthene-d10	14.862	164	106602	20.000	ng		0.00
64) Phenanthrene-d10	17.606	188	240701	20.000	ng	#	0.00
76) Chrysene-d12	21.907	240	199045	20.000	ng	#	0.00
86) Perylene-d12	25.321	264	206094	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	192108	79.579	ng		0.00
7) Phenol-d6	7.377	99	266469	78.205	ng		0.00
23) Nitrobenzene-d5	9.410	82	272599	78.632	ng		0.00
42) 2,4,6-Tribromophenol	16.349	330	95389	89.416	ng		0.00
45) 2-Fluorobiphenyl	13.482	172	555562	82.344	ng		0.00
79) Terphenyl-d14	20.191	244	868105	79.803	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.617	88	41475	39.050	ng		96
3) Pyridine	4.052	79	123112	38.412	ng	#	90
4) n-Nitrosodimethylamine	3.946	42	53877	37.897	ng	#	42
6) Aniline	7.553	93	158887	39.153	ng		95
8) 2-Chlorophenol	7.788	128	97538	39.337	ng		92
9) Benzaldehyde	7.365	77	89407	36.465	ng		89
10) Phenol	7.406	94	135912	38.839	ng	#	82
11) bis(2-Chloroethyl)ether	7.641	93	101692	37.714	ng		87
12) 1,3-Dichlorobenzene	8.117	146	106789	39.543	ng		92
13) 1,4-Dichlorobenzene	8.264	146	107138	39.415	ng		98
14) 1,2-Dichlorobenzene	8.587	146	103289	39.125	ng		95
15) Benzyl Alcohol	8.476	79	109637	40.909	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.752	45	151421	35.033	ng		87
17) 2-Methylphenol	8.670	107	92180	39.563	ng	#	89
18) Hexachloroethane	9.322	117	39813	38.586	ng		95
19) n-Nitroso-di-n-propyla...	9.046	70	96810	38.447	ng		87
20) 3+4-Methylphenols	8.999	107	128989	39.231	ng		96
22) Acetophenone	9.063	105	167599	39.294	ng	#	94
24) Nitrobenzene	9.451	77	133078	38.936	ng	#	90
25) Isophorone	9.992	82	248851	39.715	ng	#	97
26) 2-Nitrophenol	10.162	139	59041	40.645	ng	#	90
27) 2,4-Dimethylphenol	10.209	122	91701	41.416	ng		91
28) bis(2-Chloroethoxy)met...	10.444	93	142168	38.170	ng		93
29) 2,4-Dichlorophenol	10.703	162	99653	42.095	ng		94
30) 1,2,4-Trichlorobenzene	10.914	180	110061	41.499	ng		96
31) Naphthalene	11.108	128	325391	39.488	ng		97
32) Benzoic acid	10.362	122	78483	45.992	ng	#	77
33) 4-Chloroaniline	11.220	127	142385	40.897	ng		95
34) Hexachlorobutadiene	11.372	225	68173	42.245	ng		94
35) Caprolactam	12.072	113	26866	41.739	ng	#	68
36) 4-Chloro-3-methylphenol	12.324	107	124288	42.081	ng	#	94
37) 2-Methylnaphthalene	12.700	142	228113	40.739	ng		91
38) 1-Methylnaphthalene	12.918	142	221430	40.466	ng		93
40) 1,2,4,5-Tetrachloroben...	13.059	216	126156	40.623	ng		96
41) Hexachlorocyclopentadiene	13.029	237	45186	42.725	ng		91
43) 2,4,6-Trichlorophenol	13.300	196	95263	42.994	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.370	196	100832	42.670	ng		89
46)	1,1'-Biphenyl	13.693	154	306793	39.412	ng		94
47)	2-Chloronaphthalene	13.746	162	241449	39.559	ng		99
48)	2-Nitroaniline	13.946	65	92688	39.656	ng		88
49)	Acenaphthylene	14.586	152	391250	39.635	ng		97
50)	Dimethylphthalate	14.310	163	333320	39.740	ng		99
51)	2,6-Dinitrotoluene	14.434	165	69590	40.313	ng	#	78
52)	Acenaphthene	14.927	154	230956	40.153	ng		93
53)	3-Nitroaniline	14.768	138	80876	40.087	ng		96
54)	2,4-Dinitrophenol	14.980	184	42359	44.872	ng	#	80
55)	Dibenzofuran	15.256	168	395388	40.415	ng		96
56)	4-Nitrophenol	15.068	139	64631	41.876	ng	#	73
57)	2,4-Dinitrotoluene	15.221	165	99736	40.721	ng	#	92
58)	Fluorene	15.902	166	309672	40.550	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.479	232	89173m	44.308	ng		
60)	Diethylphthalate	15.656	149	350673	39.843	ng		97
61)	4-Chlorophenyl-phenyle...	15.885	204	171859	41.664	ng		95
62)	4-Nitroaniline	15.932	138	83734	39.928	ng	#	64
63)	Azobenzene	16.179	77	363269	38.949	ng		81
65)	4,6-Dinitro-2-methylph...	15.985	198	63336	42.532	ng		93
66)	n-Nitrosodiphenylamine	16.102	169	280811	40.623	ng		98
67)	4-Bromophenyl-phenylether	16.784	248	106546	42.259	ng		94
68)	Hexachlorobenzene	16.907	284	106203	42.793	ng		96
69)	Atrazine	17.048	200	69158	40.238	ng		98
70)	Pentachlorophenol	17.248	266	68137	48.380	ng		98
71)	Phenanthrene	17.647	178	511740	39.858	ng		98
72)	Anthracene	17.741	178	502960	39.388	ng		99
73)	Carbazole	18.012	167	481820	38.101	ng		99
74)	Di-n-butylphthalate	18.540	149	572337	38.199	ng	#	96
75)	Fluoranthene	19.651	202	587205	37.279	ng		96
77)	Benzidine	19.827	184	176100	46.805	ng		99
78)	Pyrene	20.009	202	582786	39.029	ng		98
80)	Butylbenzylphthalate	20.873	149	253058	39.427	ng		99
81)	Benzo(a)anthracene	21.890	228	552240	40.406	ng		100
82)	3,3'-Dichlorobenzidine	21.795	252	264263	42.277	ng	#	98
83)	Chrysene	21.960	228	516261	40.042	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.754	149	356444	39.439	ng		98
85)	Di-n-octyl phthalate	23.023	149	596777	39.227	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.246	276	589965	40.330	ng	#	90
88)	Benzo(b)fluoranthene	24.228	252	511513	39.430	ng	#	94
89)	Benzo(k)fluoranthene	24.304	252	518323	40.060	ng	#	96
90)	Benzo(a)pyrene	25.162	252	440619	39.784	ng	#	94
91)	Dibenzo(a,h)anthracene	29.322	278	485851	40.340	ng	#	95
92)	Benzo(g,h,i)perylene	30.491	276	477008	40.245	ng	#	90

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

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