Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054093.D
Acq On : 27 Jun 2022 15:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 04:54:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
06/28/2022
Supervised By :Jagrut Upadhyay
06/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	27297	20.000	ng		0.00
21) Naphthalene-d8	10.881	136	112021	20.000	ng		0.00
39) Acenaphthene-d10	14.700	164	87943	20.000	ng		0.00
64) Phenanthrene-d10	17.444	188	220177	20.000	ng		0.00
76) Chrysene-d12	21.721	240	221807	20.000	ng		0.00
86) Perylene-d12	24.976	264	230994	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	114427	80.146	ng		0.00
7) Phenol-d6	7.233	99	166577	86.005	ng		0.00
23) Nitrobenzene-d5	9.236	82	161754	81.145	ng		0.00
42) 2,4,6-Tribromophenol	16.187	330	103622	73.337	ng		0.00
45) 2-Fluorobiphenyl	13.325	172	443638	73.355	ng		0.00
79) Terphenyl-d14	20.047	244	867104	78.736	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.531	88	23609	37.827	ng		96
3) Pyridine	3.931	79	66666	40.028	ng		89
4) n-Nitrosodimethylamine	3.842	42	32114	43.836	ng	#	94
6) Aniline	7.397	93	94154	41.002	ng		100
8) 2-Chlorophenol	7.638	128	63590	41.713	ng		93
9) Benzaldehyde	7.209	77	43941	38.441	ng		84
10) Phenol	7.256	94	84812	43.208	ng		97
11) bis(2-Chloroethyl)ether	7.485	93	60880	40.409	ng		99
12) 1,3-Dichlorobenzene	7.967	146	73564	38.511	ng		93
13) 1,4-Dichlorobenzene	8.108	146	74445	38.797	ng		97
14) 1,2-Dichlorobenzene	8.431	146	71704	38.927	ng		98
15) Benzyl Alcohol	8.308	79	65289	45.102	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.596	45	99555	44.203	ng		98
17) 2-Methylphenol	8.513	107	59208	43.422	ng		91
18) Hexachloroethane	9.166	117	25599	40.215	ng	#	85
19) n-Nitroso-di-n-propyla...	8.878	70	55627	42.750	ng		93
20) 3+4-Methylphenols	8.842	107	84914	44.405	ng		94
22) Acetophenone	8.895	105	103635	38.060	ng	#	99
24) Nitrobenzene	9.277	77	80101	40.806	ng	#	86
25) Isophorone	9.800	82	149668	40.202	ng		96
26) 2-Nitrophenol	9.994	139	38885	44.849	ng	#	83
27) 2,4-Dimethylphenol	10.047	122	57182	40.747	ng		90
28) bis(2-Chloroethoxy)met...	10.282	93	80754	40.265	ng		97
29) 2,4-Dichlorophenol	10.529	162	79480	42.242	ng		93
30) 1,2,4-Trichlorobenzene	10.746	180	85755	36.809	ng		96
31) Naphthalene	10.934	128	220543	38.999	ng		99
32) Benzoic acid	10.200	122	31126	50.226	ng	#	85
33) 4-Chloroaniline	11.034	127	98468	41.971	ng		93
34) Hexachlorobutadiene	11.222	225	60462	33.756	ng		99
35) Caprolactam	11.804	113	24666	47.620	ng		93
36) 4-Chloro-3-methylphenol	12.156	107	83409	45.602	ng		90
37) 2-Methylnaphthalene	12.532	142	167788	40.102	ng		97
38) 1-Methylnaphthalene	12.750	142	162657	39.926	ng		99
40) 1,2,4,5-Tetrachloroben...	12.902	216	114593	33.817	ng		97
41) Hexachlorocyclopentadiene	12.885	237	67847	42.998	ng		94
43) 2,4,6-Trichlorophenol	13.137	196	74096	38.927	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.208	196	83896	39.474	ng		95
46) 1,1'-Biphenyl	13.537	154	233471	38.113	ng		99
47) 2-Chloronaphthalene	13.578	162	187189	37.759	ng		97
48) 2-Nitroaniline	13.772	65	61367	46.534	ng		96
49) Acenaphthylene	14.424	152	301443	39.103	ng		99
50) Dimethylphthalate	14.148	163	250628	37.420	ng		99
51) 2,6-Dinitrotoluene	14.265	165	55829	41.257	ng	#	80
52) Acenaphthene	14.765	154	196886m	40.068	ng		
53) 3-Nitroaniline	14.595	138	56397	43.018	ng		91
54) 2,4-Dinitrophenol	14.806	184	29278	42.806	ng	#	75
55) Dibenzofuran	15.094	168	307016	38.779	ng		96
56) 4-Nitrophenol	14.906	139	41058	44.112	ng	#	84
57) 2,4-Dinitrotoluene	15.053	165	81565	42.680	ng	#	88
58) Fluorene	15.746	166	254763	39.192	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.323	232	82555	39.719	ng		94
60) Diethylphthalate	15.511	149	249591	38.481	ng		96
61) 4-Chlorophenyl-phenyle...	15.734	204	141577	36.380	ng		93
62) 4-Nitroaniline	15.758	138	58542	42.819	ng	#	77
63) Azobenzene	16.028	77	220647	42.261	ng		92
65) 4,6-Dinitro-2-methylph...	15.823	198	50489	45.963	ng		84
66) n-Nitrosodiphenylamine	15.946	169	228970	39.902	ng		97
67) 4-Bromophenyl-phenylether	16.627	248	101832	37.031	ng		96
68) Hexachlorobenzene	16.757	284	109707	34.876	ng		94
69) Atrazine	16.892	200	92270	38.816	ng		96
70) Pentachlorophenol	17.097	266	59919	41.007	ng		93
71) Phenanthrene	17.485	178	440945	38.980	ng		97
72) Anthracene	17.573	178	433220	39.218	ng		99
73) Carbazole	17.844	167	380834	40.165	ng		98
74) Di-n-butylphthalate	18.396	149	456925	41.679	ng	#	98
75) Fluoranthene	19.495	202	557478	37.541	ng		97
77) Benzidine	19.665	184	150202	32.700	ng		98
78) Pyrene	19.853	202	560187	41.816	ng		97
80) Butylbenzylphthalate	20.734	149	202402	47.136	ng		91
81) Benzo(a)anthracene	21.698	228	567948	39.546	ng		98
82) 3,3'-Dichlorobenzidine	21.610	252	169037	39.395	ng		99
83) Chrysene	21.768	228	533448	38.968	ng		98
84) Bis(2-ethylhexyl)phtha...	21.604	149	284555	46.334	ng		95
85) Di-n-octyl phthalate	22.826	149	494488	46.847	ng		96
87) Indeno(1,2,3-cd)pyrene	28.707	276	661652	37.956	ng		99
88) Benzo(b)fluoranthene	23.942	252	553423	39.404	ng		99
89) Benzo(k)fluoranthene	24.013	252	537574	38.658	ng		99
90) Benzo(a)pyrene	24.824	252	468239	39.513	ng		99
91) Dibenzo(a,h)anthracene	28.766	278	541505	37.566	ng		100
92) Benzo(g,h,i)perylene	29.871	276	536311	37.701	ng		95

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

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