Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054337.D
Acq On : 20 Jul 2022 21:38
Operator : CG/JU
Sample : N3776-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Quant Time: Jul 21 01:26:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152	23056	20.000	ng		# 0.00
21) Naphthalene-d8	10.809	136	89441	20.000	ng		# 0.00
39) Acenaphthene-d10	14.634	164	66555	20.000	ng		0.00
64) Phenanthrene-d10	17.384	188	156180	20.000	ng		# 0.00
76) Chrysene-d12	21.667	240	174590	20.000	ng		# 0.02
86) Perylene-d12	24.893	264	190023	20.000	ng		# 0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.574	112	124357	112.614	ng		0.00
7) Phenol-d6	7.184	99	169232	111.842	ng		0.01
23) Nitrobenzene-d5	9.164	82	111117	67.655	ng		0.00
42) 2,4,6-Tribromophenol	16.132	330	150002	107.343	ng		0.00
45) 2-Fluorobiphenyl	13.259	172	342660	72.630	ng		0.00
79) Terphenyl-d14	19.993	244	653736	74.282	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.424	88	13771m	31.346	ng		
3) Pyridine	3.829	79	38640	34.671	ng		92
4) n-Nitrosodimethylamine	3.741	42	30901	49.588	ng	#	75
6) Aniline	7.319	93	55198	31.603	ng		99
8) 2-Chlorophenol	7.572	128	68259	53.788	ng		90
9) Benzaldehyde	7.131	77	33161	43.556	ng	#	79
10) Phenol	7.208	94	79279	52.734	ng		92
11) bis(2-Chloroethyl)ether	7.413	93	54020	49.282	ng		89
12) 1,3-Dichlorobenzene	7.889	146	76386	49.402	ng		93
13) 1,4-Dichlorobenzene	8.036	146	77411	48.480	ng		96
14) 1,2-Dichlorobenzene	8.353	146	74302	49.346	ng		98
15) Benzyl Alcohol	8.242	79	64441	51.781	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.530	45	68018	49.270	ng		90
17) 2-Methylphenol	8.459	107	56156	51.825	ng		94
18) Hexachloroethane	9.082	117	26057	49.284	ng	#	61
19) n-Nitroso-di-n-propyla...	8.812	70	47402	46.913	ng	#	93
20) 3+4-Methylphenols	8.788	107	75542	49.479	ng		99
22) Acetophenone	8.823	105	100951	46.928	ng	#	97
24) Nitrobenzene	9.211	77	74883	46.653	ng	#	88
25) Isophorone	9.734	82	133296	46.665	ng	#	92
26) 2-Nitrophenol	9.922	139	39596	48.940	ng		90
27) 2,4-Dimethylphenol	9.987	122	65399	58.513	ng		89
28) bis(2-Chloroethoxy)met...	10.210	93	73592	51.082	ng		97
29) 2,4-Dichlorophenol	10.468	162	85466	50.660	ng		90
30) 1,2,4-Trichlorobenzene	10.674	180	98583	47.183	ng	#	92
31) Naphthalene	10.862	128	218877	48.750	ng		99
32) Benzoic acid	10.181	122	41739	86.723	ng	#	78
33) 4-Chloroaniline	10.968	127	43512	23.832	ng	#	92
34) Hexachlorobutadiene	11.144	225	86452	46.819	ng		98
35) Caprolactam	11.767	113	22455m	52.862	ng		
36) 4-Chloro-3-methylphenol	12.108	107	76871	50.086	ng		91
37) 2-Methylnaphthalene	12.466	142	166020	48.152	ng		97
38) 1-Methylnaphthalene	12.684	142	159270	47.407	ng		99
40) 1,2,4,5-Tetrachloroben...	12.836	216	149911	51.412	ng	#	95
41) Hexachlorocyclopentadiene	12.813	237	28409	35.310	ng		98
43) 2,4,6-Trichlorophenol	13.083	196	86782	54.660	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.165	196	94916	52.910	ng	#	92
46) 1,1'-Biphenyl	13.471	154	231757	50.899	ng		98
47) 2-Chloronaphthalene	13.518	162	191534	50.265	ng		96
48) 2-Nitroaniline	13.718	65	50186	50.466	ng	#	87
49) Acenaphthylene	14.364	152	309995	54.750	ng		99
50) Dimethylphthalate	14.088	163	240922	46.344	ng		99
51) 2,6-Dinitrotoluene	14.211	165	54855	48.108	ng	#	76
52) Acenaphthene	14.705	154	195212	56.936	ng		100
53) 3-Nitroaniline	14.540	138	35921	37.667	ng		92
54) 2,4-Dinitrophenol	14.758	184	56615	85.085	ng	#	81
55) Dibenzofuran	15.040	168	303236	49.706	ng		95
56) 4-Nitrophenol	14.881	139	68082	107.006	ng		98
57) 2,4-Dinitrotoluene	15.004	165	76633	46.881	ng	#	84
58) Fluorene	15.686	166	267983	53.428	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.269	232	90944	52.072	ng	#	85
60) Diethylphthalate	15.451	149	225982	45.313	ng		95
61) 4-Chlorophenyl-phenyle...	15.674	204	157870	47.949	ng	#	87
62) 4-Nitroaniline	15.709	138	42783	42.702	ng		89
63) Azobenzene	15.968	77	164525	45.658	ng	#	79
65) 4,6-Dinitro-2-methylph...	15.780	198	42162	43.696	ng	#	75
66) n-Nitrosodiphenylamine	15.886	169	210166	53.898	ng		94
67) 4-Bromophenyl-phenylether	16.567	248	114512	52.206	ng	#	91
68) Hexachlorobenzene	16.696	284	131683	52.497	ng	#	89
69) Atrazine	16.843	200	98313	56.659	ng		93
70) Pentachlorophenol	17.049	266	130530	118.083	ng		95
71) Phenanthrene	17.431	178	1176555	151.273	ng		94
72) Anthracene	17.519	178	507074	66.437	ng		100
73) Carbazole	17.789	167	395109	62.879	ng		98
74) Di-n-butylphthalate	18.342	149	342512	46.190	ng		98
75) Fluoranthene	19.452	202	2524415	238.102	ng		89
77) Benzidine	19.622	184	12278	3.883	ng	#	85
78) Pyrene	19.816	202	2394666	239.040	ng	#	87
80) Butylbenzylphthalate	20.680	149	145022	46.454	ng	#	83
81) Benzo(a)anthracene	21.649	228	1670867	150.762	ng		91
82) 3,3'-Dichlorobenzidine	21.555	252	107246	31.115	ng	#	94
83) Chrysene	21.720	228	1742896m	166.454	ng		
84) Bis(2-ethylhexyl)phtha...	21.538	149	212994	48.216	ng	#	93
85) Di-n-octyl phthalate	22.742	149	362732	48.132	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.630	276	1564840	108.249	ng		96
88) Benzo(b)fluoranthene	23.894	252	2449274	217.951	ng	#	95
89) Benzo(k)fluoranthene	23.947	252	1165604m	104.221	ng		
90) Benzo(a)pyrene	24.763	252	1913496m	199.382	ng		
91) Dibenzo(a,h)anthracene	28.659	278	675149	56.798	ng	#	94
92) Benzo(g,h,i)perylene	29.781	276	1397576	119.125	ng	#	90

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

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