Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
Data File : BG054217.D
Acq On : 6 Jul 2022 12:55
Operator : CG/JU
Sample : N3571-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 14:17:43 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 :
VB16128MS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.071	152	24516	20.000	ng		0.00
21) Naphthalene-d8	10.879	136	101362	20.000	ng	#	0.00
39) Acenaphthene-d10	14.698	164	78785	20.000	ng		0.00
64) Phenanthrene-d10	17.442	188	212290	20.000	ng	#	0.00
76) Chrysene-d12	21.720	240	226516	20.000	ng		0.00
86) Perylene-d12	24.975	264	188283	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.639	112	177184	138.179	ng		0.00
7) Phenol-d6	7.237	99	230273	132.379	ng		0.00
23) Nitrobenzene-d5	9.228	82	165034	91.497	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	196970	155.607	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	457368	84.416	ng		0.00
79) Terphenyl-d14	20.045	244	1092228	97.116	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	20240	36.108	ng	#	37
3) Pyridine	3.935	79	60523	40.462	ng		95
4) n-Nitrosodimethylamine	3.835	42	33974	51.636	ng		98
6) Aniline	7.395	93	31606	15.325	ng		97
8) 2-Chlorophenol	7.636	128	73776	53.885	ng		92
9) Benzaldehyde	7.201	77	30871m	30.070	ng		
10) Phenol	7.266	94	83231	47.213	ng		94
11) bis(2-Chloroethyl)ether	7.483	93	65948	48.738	ng		94
12) 1,3-Dichlorobenzene	7.959	146	78146	45.550	ng		90
13) 1,4-Dichlorobenzene	8.100	146	80004	46.424	ng		98
14) 1,2-Dichlorobenzene	8.424	146	77489	46.840	ng		98
15) Benzyl Alcohol	8.306	79	63075m	48.515	ng		
16) 2,2'-oxybis(1-Chloropr...	8.588	45	97553	48.228	ng		98
17) 2-Methylphenol	8.512	107	62749	51.239	ng		94
18) Hexachloroethane	9.152	117	26761	46.810	ng	#	75
19) n-Nitroso-di-n-propyla...	8.870	70	56845	48.642	ng	#	97
20) 3+4-Methylphenols	8.841	107	86469	50.348	ng		95
22) Acetophenone	8.888	105	113609	46.111	ng	#	94
24) Nitrobenzene	9.275	77	82986	46.721	ng	#	83
25) Isophorone	9.792	82	161092	47.821	ng		96
26) 2-Nitrophenol	9.986	139	42882	54.660	ng	#	82
27) 2,4-Dimethylphenol	10.045	122	72455	57.060	ng		92
28) bis(2-Chloroethoxy)met...	10.274	93	90867	50.071	ng		98
29) 2,4-Dichlorophenol	10.527	162	87979	51.676	ng		91
30) 1,2,4-Trichlorobenzene	10.738	180	92856	44.048	ng		93
31) Naphthalene	10.932	128	236901	46.297	ng		99
32) Benzoic acid	10.204	122	33488	57.587	ng	#	80
33) 4-Chloroaniline	11.050	127	9768	4.601	ng		94
34) Hexachlorobutadiene	11.214	225	71398	44.053	ng		98
35) Caprolactam	11.808	113	23631m	50.420	ng		
36) 4-Chloro-3-methylphenol	12.160	107	87572	52.913	ng	#	84
37) 2-Methylnaphthalene	12.530	142	170957	45.156	ng		98
38) 1-Methylnaphthalene	12.748	142	163595	44.379	ng		94
40) 1,2,4,5-Tetrachloroben...	12.895	216	135825	44.741	ng		95
41) Hexachlorocyclopentadiene	12.877	237	115949	82.025	ng		98
43) 2,4,6-Trichlorophenol	13.136	196	86916	50.969	ng		98

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44)	2,4,5-Trichlorophenol	13.212	196	96334	50.595	ng	#	93
46)	1,1'-Biphenyl	13.529	154	248860	45.348	ng		99
47)	2-Chloronaphthalene	13.576	162	201032	45.264	ng		97
48)	2-Nitroaniline	13.776	65	59842	50.652	ng		89
49)	Acenaphthylene	14.422	152	315900	45.742	ng		99
50)	Dimethylphthalate	14.146	163	283413	47.234	ng		99
51)	2,6-Dinitrotoluene	14.264	165	63919	52.726	ng	#	78
52)	Acenaphthene	14.757	154	233331m	53.004	ng		
53)	3-Nitroaniline	14.593	138	13688	11.655	ng		86
54)	2,4-Dinitrophenol	14.810	184	72666	106.109	ng	#	76
55)	Dibenzofuran	15.092	168	327887	46.229	ng		94
56)	4-Nitrophenol	14.916	139	83851	100.561	ng	#	86
57)	2,4-Dinitrotoluene	15.057	165	93455	54.585	ng	#	84
58)	Fluorene	15.738	166	271436	46.611	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.327	232	94455	50.727	ng	#	91
60)	Diethylphthalate	15.503	149	279076	48.028	ng		96
61)	4-Chlorophenyl-phenyle...	15.727	204	167262	47.976	ng		90
62)	4-Nitroaniline	15.756	138	36899	30.126	ng	#	77
63)	Azobenzene	16.020	77	216341	46.253	ng		91
65)	4,6-Dinitro-2-methylph...	15.827	198	56887	53.712	ng		79
66)	n-Nitrosodiphenylamine	15.944	169	198237	35.830	ng		98
67)	4-Bromophenyl-phenylether	16.626	248	123600	46.617	ng	#	92
68)	Hexachlorobenzene	16.755	284	138739	45.745	ng	#	92
69)	Atrazine	16.884	200	18918	8.254	ng		94
70)	Pentachlorophenol	17.096	266	146684	104.117	ng		98
71)	Phenanthrene	17.483	178	486147	44.573	ng		98
72)	Anthracene	17.577	178	495710	46.542	ng		99
73)	Carbazole	17.842	167	288097	31.514	ng		99
74)	Di-n-butylphthalate	18.394	149	508898	48.145	ng	#	98
75)	Fluoranthene	19.493	202	632164	44.152	ng		96
78)	Pyrene	19.851	202	631436	46.154	ng		97
80)	Butylbenzylphthalate	20.727	149	222416	50.720	ng		90
81)	Benzo(a)anthracene	21.696	228	675512	46.058	ng		99
83)	Chrysene	21.767	228	625955	44.774	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.596	149	320917	51.169	ng	#	94
85)	Di-n-octyl phthalate	22.813	149	542662	50.342	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	28.717	276	742970	52.290	ng	#	95
88)	Benzo(b)fluoranthene	23.941	252	696556	60.845	ng		99
89)	Benzo(k)fluoranthene	24.011	252	669127	59.034	ng		99
90)	Benzo(a)pyrene	24.828	252	570997	59.115	ng		99
91)	Dibenzo(a,h)anthracene	28.776	278	687834	58.541	ng		98
92)	Benzo(g,h,i)perylene	29.887	276	620619	53.524	ng		96

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

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