Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054443.D
Acq On : 29 Jul 2022 10:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 30 03:17:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

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08/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.982	152	17850	20.000	ng		0.00
21) Naphthalene-d8	10.797	136	63782	20.000	ng	#	0.00
39) Acenaphthene-d10	14.622	164	52148	20.000	ng		0.00
64) Phenanthrene-d10	17.371	188	145382	20.000	ng	#	0.00
76) Chrysene-d12	21.637	240	163514	20.000	ng	#	0.00
86) Perylene-d12	24.845	264	174021	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.562	112	72441	84.733	ng		0.00
7) Phenol-d6	7.171	99	97872	83.546	ng		0.00
23) Nitrobenzene-d5	9.151	82	98784	84.342	ng		0.00
42) 2,4,6-Tribromophenol	16.114	330	89156	81.427	ng		0.00
45) 2-Fluorobiphenyl	13.247	172	291784	78.933	ng		0.00
79) Terphenyl-d14	19.980	244	702319	85.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	13666	40.180	ng		94
3) Pyridine	3.817	79	37040	42.929	ng		100
4) n-Nitrosodimethylamine	3.728	42	20338	42.155	ng	#	85
6) Aniline	7.307	93	55536	41.070	ng		98
8) 2-Chlorophenol	7.559	128	41098	41.830	ng		89
9) Benzaldehyde	7.119	77	26580	45.517	ng		83
10) Phenol	7.201	94	48995	42.095	ng		94
11) bis(2-Chloroethyl)ether	7.401	93	35281	41.574	ng		91
12) 1,3-Dichlorobenzene	7.876	146	50223	41.955	ng		90
13) 1,4-Dichlorobenzene	8.018	146	50994	41.250	ng		97
14) 1,2-Dichlorobenzene	8.341	146	48739	41.809	ng		98
15) Benzyl Alcohol	8.229	79	39087	40.568	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.511	45	45426	42.502	ng		93
17) 2-Methylphenol	8.446	107	34563	41.200	ng		96
18) Hexachloroethane	9.069	117	17765	43.400	ng	#	63
19) n-Nitroso-di-n-propyla...	8.793	70	31241	39.936	ng	#	94
20) 3+4-Methylphenols	8.781	107	48216	40.791	ng		96
22) Acetophenone	8.811	105	63256	41.235	ng	#	97
24) Nitrobenzene	9.193	77	48390	42.275	ng	#	87
25) Isophorone	9.716	82	85566	42.007	ng	#	94
26) 2-Nitrophenol	9.909	139	24299	42.115	ng	#	84
27) 2,4-Dimethylphenol	9.980	122	33418	41.928	ng		96
28) bis(2-Chloroethoxy)met...	10.191	93	42730	41.592	ng		99
29) 2,4-Dichlorophenol	10.462	162	49923	41.497	ng		91
30) 1,2,4-Trichlorobenzene	10.661	180	62164	41.722	ng		94
31) Naphthalene	10.844	128	134225	41.923	ng		99
32) Benzoic acid	10.139	122	11501m	38.215	ng		
33) 4-Chloroaniline	10.955	127	54721	42.028	ng		95
34) Hexachlorobutadiene	11.126	225	54634	41.491	ng		95
35) Caprolactam	11.731	113	13971	46.121	ng	#	77
36) 4-Chloro-3-methylphenol	12.101	107	45837	41.880	ng		87
37) 2-Methylnaphthalene	12.453	142	100412	40.839	ng		98
38) 1-Methylnaphthalene	12.671	142	97859	40.846	ng		97
40) 1,2,4,5-Tetrachloroben...	12.824	216	90673	39.687	ng	#	94
41) Hexachlorocyclopentadiene	12.800	237	27404	41.508	ng		97
43) 2,4,6-Trichlorophenol	13.070	196	49562	39.841	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.159	196	52975	37.689	ng	#	88
46) 1,1'-Biphenyl	13.458	154	142666	39.989	ng		97
47) 2-Chloronaphthalene	13.505	162	120099	40.225	ng		95
48) 2-Nitroaniline	13.705	65	33900	43.507	ng		90
49) Acenaphthylene	14.345	152	181706	40.958	ng		99
50) Dimethylphthalate	14.075	163	169151	41.527	ng		99
51) 2,6-Dinitrotoluene	14.198	165	37064	41.485	ng	#	79
52) Acenaphthene	14.692	154	109198	40.648	ng		99
53) 3-Nitroaniline	14.533	138	32108	42.970	ng		89
54) 2,4-Dinitrophenol	14.757	184	17774	38.046	ng	#	79
55) Dibenzofuran	15.021	168	191982	40.164	ng		95
56) 4-Nitrophenol	14.880	139	19083	38.279	ng		96
57) 2,4-Dinitrotoluene	14.998	165	56015	43.734	ng	#	82
58) Fluorene	15.673	166	162745	41.410	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.262	232	53352	38.988	ng	#	84
60) Diethylphthalate	15.432	149	165821	42.436	ng		95
61) 4-Chlorophenyl-phenyle...	15.656	204	106413	41.249	ng	#	87
62) 4-Nitroaniline	15.697	138	35391	45.083	ng		89
63) Azobenzene	15.955	77	120222	42.581	ng		85
65) 4,6-Dinitro-2-methylph...	15.767	198	35427	39.443	ng		77
66) n-Nitrosodiphenylamine	15.873	169	146854	40.459	ng		96
67) 4-Bromophenyl-phenylether	16.555	248	81787	40.056	ng	#	89
68) Hexachlorobenzene	16.684	284	92812	39.749	ng	#	90
69) Atrazine	16.825	200	66416	41.119	ng		96
70) Pentachlorophenol	17.036	266	38089	39.612	ng		93
71) Phenanthrene	17.412	178	295750	40.850	ng		98
72) Anthracene	17.506	178	292857	41.220	ng		98
73) Carbazole	17.777	167	246519	42.146	ng		98
74) Di-n-butylphthalate	18.323	149	300269	43.501	ng	#	97
75) Fluoranthene	19.422	202	401163	40.648	ng		95
77) Benzidine	19.598	184	127572	43.079	ng		97
78) Pyrene	19.786	202	405534	43.223	ng		98
80) Butylbenzylphthalate	20.662	149	127162	43.492	ng	#	84
81) Benzo(a)anthracene	21.619	228	428639	41.296	ng		100
82) 3,3'-Dichlorobenzidine	21.525	252	135554	41.992	ng	#	99
83) Chrysene	21.684	228	403465	41.143	ng		98
84) Bis(2-ethylhexyl)phtha...	21.513	149	173400	41.912	ng	#	93
85) Di-n-octyl phthalate	22.706	149	294736	41.759	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.529	276	539327	40.739	ng	#	98
88) Benzo(b)fluoranthene	23.823	252	424819	41.279	ng	#	98
89) Benzo(k)fluoranthene	23.893	252	413140	40.337	ng	#	98
90) Benzo(a)pyrene	24.692	252	359319	40.883	ng	#	99
91) Dibenzo(a,h)anthracene	28.570	278	445819	40.954	ng	#	96
92) Benzo(g,h,i)perylene	29.669	276	439440	40.901	ng	#	93

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

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