Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
Data File : BG054139.D
Acq On : 29 Jun 2022 10:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 29 13:46:57 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.071	152	20790	20.000	ng		0.00
21) Naphthalene-d8	10.885	136	91144	20.000	ng		0.00
39) Acenaphthene-d10	14.698	164	69680	20.000	ng		0.00
64) Phenanthrene-d10	17.442	188	171120	20.000	ng		0.00
76) Chrysene-d12	21.719	240	170995	20.000	ng		0.00
86) Perylene-d12	24.980	264	180870	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	89567	82.369	ng		0.00
7) Phenol-d6	7.231	99	131038	88.832	ng		0.00
23) Nitrobenzene-d5	9.234	82	130069	80.196	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	88011	78.614	ng		0.00
45) 2-Fluorobiphenyl	13.323	172	371218	77.468	ng		0.00
79) Terphenyl-d14	20.051	244	685988	80.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	17383	36.569	ng		99
3) Pyridine	3.923	79	51813	40.847	ng		96
4) n-Nitrosodimethylamine	3.834	42	23395	41.930	ng		94
6) Aniline	7.389	93	75327	43.070	ng		99
8) 2-Chlorophenol	7.636	128	50908	43.846	ng		92
9) Benzaldehyde	7.207	77	33947m	38.993	ng		
10) Phenol	7.260	94	66147	44.246	ng		94
11) bis(2-Chloroethyl)ether	7.483	93	47491	41.388	ng		96
12) 1,3-Dichlorobenzene	7.959	146	58227	40.022	ng		92
13) 1,4-Dichlorobenzene	8.106	146	59784	40.908	ng		97
14) 1,2-Dichlorobenzene	8.429	146	56857	40.528	ng		98
15) Benzyl Alcohol	8.306	79	50198	45.531	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.594	45	74277	43.302	ng		98
17) 2-Methylphenol	8.511	107	47641	45.874	ng		90
18) Hexachloroethane	9.158	117	20763	42.827	ng	#	81
19) n-Nitroso-di-n-propyla...	8.876	70	44846	45.252	ng		96
20) 3+4-Methylphenols	8.840	107	66613	45.738	ng		95
22) Acetophenone	8.893	105	85288	38.497	ng	#	96
24) Nitrobenzene	9.275	77	62869	39.364	ng	#	87
25) Isophorone	9.798	82	119462	39.438	ng	#	95
26) 2-Nitrophenol	9.992	139	31643	44.856	ng	#	81
27) 2,4-Dimethylphenol	10.045	122	46895	41.071	ng		87
28) bis(2-Chloroethoxy)met...	10.280	93	63601	38.976	ng		99
29) 2,4-Dichlorophenol	10.527	162	64666	42.241	ng		91
30) 1,2,4-Trichlorobenzene	10.744	180	71274	37.600	ng	#	93
31) Naphthalene	10.932	128	179264	38.960	ng		100
32) Benzoic acid	10.186	122	25458m	50.431	ng		
33) 4-Chloroaniline	11.032	127	77561	40.632	ng		94
34) Hexachlorobutadiene	11.220	225	54344	37.289	ng		94
35) Caprolactam	11.807	113	18744	44.476	ng	#	86
36) 4-Chloro-3-methylphenol	12.160	107	63555	42.707	ng	#	85
37) 2-Methylnaphthalene	12.530	142	137601	40.420	ng		96
38) 1-Methylnaphthalene	12.753	142	132949	40.109	ng		97
40) 1,2,4,5-Tetrachloroben...	12.900	216	100706	37.508	ng	#	96
41) Hexachlorocyclopentadiene	12.883	237	44254	35.397	ng		98
43) 2,4,6-Trichlorophenol	13.135	196	62644	41.536	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	70154	41.659	ng	#	93
46) 1,1'-Biphenyl	13.535	154	188686	38.875	ng		98
47) 2-Chloronaphthalene	13.576	162	154634	39.367	ng		96
48) 2-Nitroaniline	13.776	65	44892	42.963	ng		89
49) Acenaphthylene	14.422	152	237701	38.916	ng		99
50) Dimethylphthalate	14.146	163	205960	38.811	ng		98
51) 2,6-Dinitrotoluene	14.263	165	45501	42.438	ng	#	77
52) Acenaphthene	14.763	154	156460m	40.186	ng		
53) 3-Nitroaniline	14.598	138	42757	41.162	ng		84
54) 2,4-Dinitrophenol	14.804	184	21460	40.127	ng	#	83
55) Dibenzofuran	15.098	168	246903	39.360	ng		94
56) 4-Nitrophenol	14.910	139	28795	39.046	ng	#	85
57) 2,4-Dinitrotoluene	15.057	165	64559	42.635	ng	#	85
58) Fluorene	15.744	166	201812	39.183	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.327	232	66933	40.643	ng	#	91
60) Diethylphthalate	15.509	149	199563	38.832	ng		97
61) 4-Chlorophenyl-phenyle...	15.732	204	118839	38.541	ng		90
62) 4-Nitroaniline	15.756	138	43643	40.288	ng	#	79
63) Azobenzene	16.026	77	164862	39.853	ng		90
65) 4,6-Dinitro-2-methylph...	15.826	198	38270	44.827	ng		81
66) n-Nitrosodiphenylamine	15.944	169	178229	39.964	ng		97
67) 4-Bromophenyl-phenylether	16.625	248	83618	39.125	ng		93
68) Hexachlorobenzene	16.755	284	93960	38.434	ng	#	93
69) Atrazine	16.890	200	72160	39.059	ng		96
70) Pentachlorophenol	17.095	266	45826	40.353	ng		95
71) Phenanthrene	17.483	178	340012	38.674	ng		97
72) Anthracene	17.577	178	337059	39.260	ng		99
73) Carbazole	17.842	167	286329	38.855	ng		98
74) Di-n-butylphthalate	18.394	149	346398	40.656	ng	#	97
75) Fluoranthene	19.493	202	421344	36.508	ng		97
77) Benzidine	19.663	184	143072	40.403	ng		98
78) Pyrene	19.857	202	431998	41.829	ng		99
80) Butylbenzylphthalate	20.732	149	144995	43.801	ng		92
81) Benzo(a)anthracene	21.702	228	437025	39.473	ng		98
82) 3,3'-Dichlorobenzidine	21.608	252	133243	40.281	ng		98
83) Chrysene	21.766	228	410850	38.930	ng		97
84) Bis(2-ethylhexyl)phtha...	21.602	149	205218	43.346	ng		96
85) Di-n-octyl phthalate	22.824	149	354720	43.591	ng		95
87) Indeno(1,2,3-cd)pyrene	28.723	276	516006	37.805	ng		99
88) Benzo(b)fluoranthene	23.946	252	426935	38.822	ng		99
89) Benzo(k)fluoranthene	24.017	252	412696	37.902	ng		99
90) Benzo(a)pyrene	24.828	252	363259	39.149	ng		99
91) Dibenzo(a,h)anthracene	28.782	278	426780	37.812	ng		99
92) Benzo(g,h,i)perylene	29.886	276	414978	37.256	ng		94

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

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