Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
Data File : BG053340.D
Acq On : 27 Apr 2022 10:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 28 06:39:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.107	152	37623	20.000	ng		0.00
21) Naphthalene-d8	10.921	136	154646	20.000	ng		0.00
39) Acenaphthene-d10	14.733	164	118993	20.000	ng		0.00
64) Phenanthrene-d10	17.477	188	260076	20.000	ng		0.00
76) Chrysene-d12	21.759	240	228473	20.000	ng		0.00
86) Perylene-d12	25.055	264	242766	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	180492	82.236	ng		0.00
7) Phenol-d6	7.267	99	287859	85.049	ng		0.00
23) Nitrobenzene-d5	9.270	82	309602	81.288	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	147727	78.033	ng		0.00
45) 2-Fluorobiphenyl	13.353	172	694441	80.473	ng		0.00
79) Terphenyl-d14	20.079	244	1033711	76.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.554	88	42851	40.883	ng		97
3) Pyridine	3.954	79	120030	43.419	ng	#	88
4) n-Nitrosodimethylamine	3.866	42	58314	42.597	ng		85
6) Aniline	7.431	93	166340	42.406	ng		97
8) 2-Chlorophenol	7.672	128	96303	40.643	ng		94
9) Benzaldehyde	7.238	77	81646m	40.356	ng		
10) Phenol	7.296	94	140899	41.822	ng		90
11) bis(2-Chloroethyl)ether	7.520	93	105652	43.504	ng		94
12) 1,3-Dichlorobenzene	7.995	146	112397m	40.821	ng		
13) 1,4-Dichlorobenzene	8.142	146	113223	40.336	ng		96
14) 1,2-Dichlorobenzene	8.465	146	108116	39.941	ng		98
15) Benzyl Alcohol	8.342	79	128227	42.623	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.630	45	171808	42.374	ng		98
17) 2-Methylphenol	8.548	107	97599	42.810	ng		96
18) Hexachloroethane	9.194	117	42629	40.498	ng		95
19) n-Nitroso-di-n-propyla...	8.912	70	106700	43.061	ng	#	96
20) 3+4-Methylphenols	8.877	107	138082	42.904	ng		94
22) Acetophenone	8.929	105	182410	42.517	ng	#	97
24) Nitrobenzene	9.311	77	152799	41.246	ng		92
25) Isophorone	9.834	82	276178	42.662	ng		98
26) 2-Nitrophenol	10.028	139	66077	42.655	ng	#	92
27) 2,4-Dimethylphenol	10.087	122	94870	42.761	ng		95
28) bis(2-Chloroethoxy)met...	10.310	93	155901	42.866	ng		98
29) 2,4-Dichlorophenol	10.568	162	118938	42.644	ng		98
30) 1,2,4-Trichlorobenzene	10.780	180	129812	41.123	ng		99
31) Naphthalene	10.968	128	341070	41.339	ng		100
32) Benzoic acid	10.263	122	58491	41.076	ng		92
33) 4-Chloroaniline	11.068	127	146134	41.360	ng		95
34) Hexachlorobutadiene	11.256	225	98137	41.852	ng		99
35) Caprolactam	11.861	113	40053	40.741	ng	#	88
36) 4-Chloro-3-methylphenol	12.196	107	138167	42.551	ng		94
37) 2-Methylnaphthalene	12.566	142	254787	41.733	ng		95
38) 1-Methylnaphthalene	12.783	142	246975	41.444	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.936	216	163657	40.495	ng		99
41) Hexachlorocyclopentadiene	12.912	237	87521	41.951	ng		92
43) 2,4,6-Trichlorophenol	13.171	196	112804	40.483	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	121330	40.862	ng		98
46) 1,1'-Biphenyl	13.564	154	347993	40.610	ng		98
47) 2-Chloronaphthalene	13.611	162	273297	39.975	ng		96
48) 2-Nitroaniline	13.811	65	103759	39.992	ng		94
49) Acenaphthylene	14.457	152	436620	40.798	ng		98
50) Dimethylphthalate	14.181	163	381247	40.057	ng		100
51) 2,6-Dinitrotoluene	14.299	165	79407	39.993	ng	#	83
52) Acenaphthene	14.792	154	290892m	40.081	ng		
53) 3-Nitroaniline	14.633	138	83450	39.747	ng		92
54) 2,4-Dinitrophenol	14.839	184	48304	38.235	ng		93
55) Dibenzofuran	15.127	168	455105	40.047	ng		98
56) 4-Nitrophenol	14.945	139	57678	36.021	ng	#	78
57) 2,4-Dinitrotoluene	15.092	165	112153	39.675	ng		91
58) Fluorene	15.779	166	360047	39.227	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.356	232	112651	39.067	ng		99
60) Diethylphthalate	15.538	149	382609	38.368	ng		98
61) 4-Chlorophenyl-phenyle...	15.761	204	206613	39.710	ng		98
62) 4-Nitroaniline	15.797	138	80213	36.206	ng	#	82
63) Azobenzene	16.055	77	392096	38.999	ng		97
65) 4,6-Dinitro-2-methylph...	15.855	198	76707	42.275	ng		93
66) n-Nitrosodiphenylamine	15.979	169	316622	42.335	ng		97
67) 4-Bromophenyl-phenylether	16.660	248	145938	43.793	ng		97
68) Hexachlorobenzene	16.789	284	149650	41.467	ng		96
69) Atrazine	16.919	200	106253	36.370	ng		97
70) Pentachlorophenol	17.130	266	79119	40.114	ng		91
71) Phenanthrene	17.518	178	570172	40.136	ng		98
72) Anthracene	17.612	178	558129	39.658	ng		99
73) Carbazole	17.876	167	513094	37.506	ng		99
74) Di-n-butylphthalate	18.422	149	563536	36.321	ng		98
75) Fluoranthene	19.527	202	647751	35.572	ng		99
77) Benzidine	19.697	184	243816	37.403	ng		100
78) Pyrene	19.885	202	645009	39.640	ng		98
80) Butylbenzylphthalate	20.760	149	250053	41.219	ng		98
81) Benzo(a)anthracene	21.741	228	636752	40.762	ng		97
82) 3,3'-Dichlorobenzidine	21.647	252	233825	40.701	ng		99
83) Chrysene	21.812	228	588598	40.599	ng		100
84) Bis(2-ethylhexyl)phtha...	21.630	149	345962	42.190	ng		99
85) Di-n-octyl phthalate	22.863	149	581036	42.368	ng		97
87) Indeno(1,2,3-cd)pyrene	28.844	276	738340	40.937	ng	#	97
88) Benzo(b)fluoranthene	24.009	252	633320	41.347	ng		98
89) Benzo(k)fluoranthene	24.079	252	607523	40.357	ng		97
90) Benzo(a)pyrene	24.902	252	534720	40.978	ng		98
91) Dibenzo(a,h)anthracene	28.891	278	600650	40.462	ng		97
92) Benzo(g,h,i)perylene	30.018	276	601441	41.106	ng		98

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

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