Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053286.D
Acq On : 23 Apr 2022 10:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 02:47:56 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

04/25/2022
Supervised By :Jagrut Upadhyay

04/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.107	152	31398	20.000	ng		0.00
21) Naphthalene-d8	10.921	136	123117	20.000	ng		0.00
39) Acenaphthene-d10	14.733	164	91638	20.000	ng		0.00
64) Phenanthrene-d10	17.477	188	217099	20.000	ng		0.00
76) Chrysene-d12	21.759	240	221260	20.000	ng		0.00
86) Perylene-d12	25.055	264	230486	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	157529	86.003	ng		0.00
7) Phenol-d6	7.267	99	236158	83.607	ng		0.00
23) Nitrobenzene-d5	9.270	82	246670	81.351	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	118978	81.608	ng		0.00
45) 2-Fluorobiphenyl	13.359	172	555713	83.620	ng		0.00
79) Terphenyl-d14	20.079	244	1011665	77.222	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.554	88	35525	40.613	ng		95
3) Pyridine	3.960	79	100702	43.650	ng	#	87
4) n-Nitrosodimethylamine	3.872	42	49499	43.327	ng		86
6) Aniline	7.431	93	136609	41.731	ng		94
8) 2-Chlorophenol	7.672	128	84184	42.572	ng		92
9) Benzaldehyde	7.244	77	66739m	39.528	ng		
10) Phenol	7.296	94	119436	42.480	ng		88
11) bis(2-Chloroethyl)ether	7.520	93	83088	40.996	ng		91
12) 1,3-Dichlorobenzene	8.001	146	93136	40.532	ng		95
13) 1,4-Dichlorobenzene	8.142	146	97234	41.507	ng		98
14) 1,2-Dichlorobenzene	8.465	146	91985	40.719	ng		99
15) Benzyl Alcohol	8.342	79	101178	40.299	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.630	45	139047	41.093	ng		98
17) 2-Methylphenol	8.548	107	80071	42.085	ng		96
18) Hexachloroethane	9.194	117	36156	41.158	ng		94
19) n-Nitroso-di-n-propyla...	8.912	70	84857	41.035	ng	#	96
20) 3+4-Methylphenols	8.877	107	112173	41.764	ng		95
22) Acetophenone	8.929	105	141752	41.501	ng	#	94
24) Nitrobenzene	9.311	77	122724	41.611	ng		93
25) Isophorone	9.834	82	209890	40.725	ng		100
26) 2-Nitrophenol	10.028	139	51898	42.081	ng		93
27) 2,4-Dimethylphenol	10.087	122	75517	42.755	ng		94
28) bis(2-Chloroethoxy)met...	10.310	93	119477	41.264	ng		98
29) 2,4-Dichlorophenol	10.568	162	93419	42.072	ng		98
30) 1,2,4-Trichlorobenzene	10.780	180	103682	41.256	ng		96
31) Naphthalene	10.968	128	276714	42.127	ng		99
32) Benzoic acid	10.239	122	45599m	40.298	ng		
33) 4-Chloroaniline	11.074	127	115331	41.001	ng		98
34) Hexachlorobutadiene	11.256	225	75182	40.273	ng		98
35) Caprolactam	11.849	113	31823	40.659	ng	#	90
36) 4-Chloro-3-methylphenol	12.190	107	107247	41.487	ng		90
37) 2-Methylnaphthalene	12.566	142	201560	41.470	ng		94
38) 1-Methylnaphthalene	12.783	142	193333	40.751	ng		96
40) 1,2,4,5-Tetrachloroben...	12.936	216	129303	41.545	ng		99
41) Hexachlorocyclopentadiene	12.918	237	75134	46.764	ng		98
43) 2,4,6-Trichlorophenol	13.171	196	88459	41.223	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	92431	40.422	ng		96
46) 1,1'-Biphenyl	13.564	154	276768	41.940	ng		98
47) 2-Chloronaphthalene	13.611	162	216047	41.035	ng		96
48) 2-Nitroaniline	13.811	65	82355	41.218	ng		92
49) Acenaphthylene	14.457	152	347128	42.118	ng		99
50) Dimethylphthalate	14.181	163	296042	40.390	ng		98
51) 2,6-Dinitrotoluene	14.299	165	61041	39.920	ng	#	85
52) Acenaphthene	14.798	154	228710m	40.920	ng		
53) 3-Nitroaniline	14.634	138	67055	41.472	ng		97
54) 2,4-Dinitrophenol	14.839	184	36116	37.121	ng	#	87
55) Dibenzofuran	15.127	168	360759	41.221	ng		97
56) 4-Nitrophenol	14.945	139	48611	39.421	ng	#	78
57) 2,4-Dinitrotoluene	15.086	165	90608	41.622	ng		94
58) Fluorene	15.779	166	289192	40.913	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.356	232	91101	41.024	ng		99
60) Diethylphthalate	15.538	149	303029	39.459	ng		99
61) 4-Chlorophenyl-phenyle...	15.761	204	164150	40.966	ng		97
62) 4-Nitroaniline	15.797	138	69663	40.831	ng	#	82
63) Azobenzene	16.055	77	315428	40.739	ng		97
65) 4,6-Dinitro-2-methylph...	15.855	198	64319	42.465	ng		94
66) n-Nitrosodiphenylamine	15.979	169	257734	41.283	ng		99
67) 4-Bromophenyl-phenylether	16.660	248	114461	41.146	ng		96
68) Hexachlorobenzene	16.789	284	122029	40.507	ng		97
69) Atrazine	16.925	200	92889	38.090	ng		97
70) Pentachlorophenol	17.130	266	68687	41.718	ng		92
71) Phenanthrene	17.518	178	483401	40.765	ng		98
72) Anthracene	17.612	178	480985	40.942	ng		98
73) Carbazole	17.876	167	459476	40.235	ng		99
74) Di-n-butylphthalate	18.422	149	521104	40.235	ng		98
75) Fluoranthene	19.527	202	619063	40.727	ng		100
77) Benzidine	19.697	184	215444	34.128	ng		99
78) Pyrene	19.885	202	613460	38.930	ng		98
80) Butylbenzylphthalate	20.761	149	235057	40.010	ng		97
81) Benzo(a)anthracene	21.742	228	602314	39.814	ng		99
82) 3,3'-Dichlorobenzidine	21.648	252	217812	39.149	ng		99
83) Chrysene	21.806	228	566356	40.339	ng		99
84) Bis(2-ethylhexyl)phtha...	21.630	149	325633	41.006	ng		99
85) Di-n-octyl phthalate	22.864	149	541317	40.758	ng		96
87) Indeno(1,2,3-cd)pyrene	28.838	276	698921	40.816	ng		99
88) Benzo(b)fluoranthene	24.009	252	580846	39.942	ng		100
89) Benzo(k)fluoranthene	24.080	252	589410	41.239	ng		99
90) Benzo(a)pyrene	24.902	252	503875	40.672	ng		98
91) Dibenzo(a,h)anthracene	28.897	278	571987	40.584	ng		99
92) Benzo(g,h,i)perylene	30.013	276	561840	40.445	ng		97

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

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