Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056693.D
Acq On : 22 Feb 2023 11:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 14:35:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 22 14:34:57 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/23/2023
Supervised By :Jagrut Upadhyay
02/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.427	152	16490	20.000	ng		0.00
21) Naphthalene-d8	11.270	136	69987	20.000	ng		0.00
39) Acenaphthene-d10	15.036	164	55218	20.000	ng		0.00
64) Phenanthrene-d10	17.774	188	142142	20.000	ng		0.00
76) Chrysene-d12	22.087	240	110326	20.000	ng		0.00
86) Perylene-d12	25.624	264	120581	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.935	112	77421	76.391	ng		0.00
7) Phenol-d6	7.557	99	120191	80.285	ng		0.00
23) Nitrobenzene-d5	9.602	82	129384	94.655	ng		0.00
42) 2,4,6-Tribromophenol	16.511	330	68478	90.579	ng		0.00
45) 2-Fluorobiphenyl	13.667	172	312303	75.735	ng		0.00
79) Terphenyl-d14	20.336	244	566603	84.026	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.744	88	16428	36.973	ng		98
3) Pyridine	4.167	79	51031m	36.310	ng		
4) n-Nitrosodimethylamine	4.073	42	23957	36.570	ng		93
6) Aniline	7.739	93	84674	40.697	ng		93
8) 2-Chlorophenol	7.986	128	41171	41.058	ng		92
9) Benzaldehyde	7.551	77	28810	36.390	ng		95
10) Phenol	7.580	94	62009	40.492	ng		98
11) bis(2-Chloroethyl)ether	7.827	93	45451	39.556	ng		100
12) 1,3-Dichlorobenzene	8.321	146	44996	37.663	ng		99
13) 1,4-Dichlorobenzene	8.462	146	45201	37.568	ng		96
14) 1,2-Dichlorobenzene	8.791	146	43857	37.922	ng		98
15) Benzyl Alcohol	8.656	79	55496	41.400	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.944	45	59907	38.835	ng		98
17) 2-Methylphenol	8.855	107	44199	41.070	ng		97
18) Hexachloroethane	9.531	117	16261	42.665	ng		99
19) n-Nitroso-di-n-propyla...	9.231	70	48482	43.258	ng		100
20) 3+4-Methylphenols	9.184	107	62087	41.997	ng		91
22) Acetophenone	9.255	105	82171	38.426	ng	#	97
24) Nitrobenzene	9.649	77	67843	42.913	ng		97
25) Isophorone	10.172	82	133062	39.999	ng		99
26) 2-Nitrophenol	10.365	139	26010	46.213	ng	#	83
27) 2,4-Dimethylphenol	10.401	122	48931	38.044	ng		97
28) bis(2-Chloroethoxy)met...	10.642	93	65693	38.749	ng	#	97
29) 2,4-Dichlorophenol	10.900	162	51211	40.174	ng		97
30) 1,2,4-Trichlorobenzene	11.123	180	55894	36.809	ng		93
31) Naphthalene	11.317	128	147749	38.091	ng		99
32) Benzoic acid	10.518	122	37713	45.495	ng		95
33) 4-Chloroaniline	11.417	127	72076	40.671	ng		94
34) Hexachlorobutadiene	11.593	225	38021	35.037	ng		97
35) Caprolactam	12.181	113	18371	44.808	ng	#	88
36) 4-Chloro-3-methylphenol	12.498	107	60125	42.771	ng		99
37) 2-Methylnaphthalene	12.892	142	118663	38.745	ng		98
38) 1-Methylnaphthalene	13.109	142	111334	38.958	ng		95
40) 1,2,4,5-Tetrachloroben...	13.250	216	78533	38.258	ng		100
41) Hexachlorocyclopentadiene	13.227	237	46481	41.749	ng		98
43) 2,4,6-Trichlorophenol	13.479	196	54338	43.630	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.550	196	63399	42.474	ng		98
46) 1,1'-Biphenyl	13.879	154	164252	39.268	ng		97
47) 2-Chloronaphthalene	13.926	162	126964	38.357	ng		100
48) 2-Nitroaniline	14.114	65	49487	50.959	ng	#	82
49) Acenaphthylene	14.766	152	209426	38.939	ng		96
50) Dimethylphthalate	14.472	163	189587	41.533	ng		100
51) 2,6-Dinitrotoluene	14.596	165	38158	43.208	ng		90
52) Acenaphthene	15.101	154	137120	41.332	ng		99
53) 3-Nitroaniline	14.925	138	41240	46.543	ng	#	98
54) 2,4-Dinitrophenol	15.130	184	24665	46.772	ng	#	51
55) Dibenzofuran	15.430	168	223552	39.886	ng		99
56) 4-Nitrophenol	15.207	139	31098	45.808	ng		88
57) 2,4-Dinitrotoluene	15.377	165	55329	49.700	ng	#	85
58) Fluorene	16.076	166	176408	39.808	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.647	232	57029m	43.593	ng		
60) Diethylphthalate	15.824	149	191366	41.561	ng		99
61) 4-Chlorophenyl-phenyle...	16.059	204	107097	39.559	ng		100
62) 4-Nitroaniline	16.082	138	42649	46.184	ng		90
63) Azobenzene	16.353	77	186335	40.435	ng		97
65) 4,6-Dinitro-2-methylph...	16.141	198	36701	50.000	ng		89
66) n-Nitrosodiphenylamine	16.270	169	163577	39.558	ng		98
67) 4-Bromophenyl-phenylether	16.952	248	72375	39.658	ng		97
68) Hexachlorobenzene	17.075	284	72243	38.855	ng		98
69) Atrazine	17.199	200	63798	40.179	ng		97
70) Pentachlorophenol	17.410	266	52123	42.331	ng		95
71) Phenanthrene	17.816	178	303673	39.268	ng		98
72) Anthracene	17.904	178	311800	39.404	ng		99
73) Carbazole	18.168	167	263274	38.596	ng		98
74) Di-n-butylphthalate	18.691	149	301655	39.517	ng		98
75) Fluoranthene	19.796	202	357429	35.029	ng		99
77) Benzidine	19.960	184	129333	49.013	ng		97
78) Pyrene	20.160	202	350975	42.124	ng		99
80) Butylbenzylphthalate	21.018	149	115350	46.102	ng		96
81) Benzo(a)anthracene	22.063	228	319262	38.912	ng		97
82) 3,3'-Dichlorobenzidine	21.964	252	110900	41.661	ng		97
83) Chrysene	22.140	228	299725	39.077	ng		98
84) Bis(2-ethylhexyl)phtha...	21.928	149	158881	42.377	ng		99
85) Di-n-octyl phthalate	23.250	149	265864	42.664	ng		96
87) Indeno(1,2,3-cd)pyrene	29.725	276	369930	39.173	ng	#	99
88) Benzo(b)fluoranthene	24.496	252	304386	38.639	ng		98
89) Benzo(k)fluoranthene	24.572	252	305555m	39.443	ng		
90) Benzo(a)pyrene	25.459	252	294501	38.892	ng		98
91) Dibenzo(a,h)anthracene	29.790	278	314032	40.151	ng		99
92) Benzo(g,h,i)perylene	31.006	276	296384	38.781	ng		97

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

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