Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060046.D
Acq On : 15 Dec 2023 22:35
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 16 02:06:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2023
Supervised By :mohammad ahmed 12/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	63905	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	280164	20.000	ng	#	0.00
39) Acenaphthene-d10	14.591	164	233898	20.000	ng		0.00
64) Phenanthrene-d10	17.341	188	722381	20.000	ng		0.00
76) Chrysene-d12	21.612	240	869262	20.000	ng		0.00
86) Perylene-d12	24.803	264	996959	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	326174	87.374	ng		0.00
7) Phenol-d6	7.112	99	466842	88.902	ng		0.00
23) Nitrobenzene-d5	9.121	82	490290	79.465	ng		0.00
42) 2,4,6-Tribromophenol	16.084	330	460546	84.490	ng		0.00
45) 2-Fluorobiphenyl	13.216	172	1526248	79.863	ng		0.00
79) Terphenyl-d14	19.961	244	3793087	79.666	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	75837	42.931	ng		90
3) Pyridine	3.827	79	206623	41.766	ng		94
4) n-Nitrosodimethylamine	3.745	42	90949	37.376	ng		84
6) Aniline	7.282	93	242845	45.404	ng		95
8) 2-Chlorophenol	7.523	128	154393	43.644	ng		94
9) Benzaldehyde	7.094	77	137082	42.933	ng		99
10) Phenol	7.141	94	240940	45.674	ng		96
11) bis(2-Chloroethyl)ether	7.376	93	152355	40.343	ng		91
12) 1,3-Dichlorobenzene	7.846	146	206144	43.577	ng		99
13) 1,4-Dichlorobenzene	7.993	146	207235	42.099	ng		96
14) 1,2-Dichlorobenzene	8.310	146	209074	44.145	ng		94
15) Benzyl Alcohol	8.193	79	197164	46.716	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	338860m	50.144	ng		
17) 2-Methylphenol	8.393	107	164967	46.906	ng		92
18) Hexachloroethane	9.045	117	68369	45.849	ng		97
19) n-Nitroso-di-n-propyla...	8.763	70	162572	47.986	ng	#	94
20) 3+4-Methylphenols	8.722	107	235697	47.979	ng		93
22) Acetophenone	8.780	105	321730	39.407	ng		97
24) Nitrobenzene	9.162	77	247714	39.546	ng		99
25) Isophorone	9.679	82	460992	39.038	ng		99
26) 2-Nitrophenol	9.873	139	97798	42.453	ng		90
27) 2,4-Dimethylphenol	9.926	122	129940	41.150	ng		93
28) bis(2-Chloroethoxy)met...	10.167	93	227160	37.258	ng		98
29) 2,4-Dichlorophenol	10.408	162	231982	40.904	ng		93
30) 1,2,4-Trichlorobenzene	10.625	180	297304	38.728	ng		100
31) Naphthalene	10.813	128	592339	40.614	ng		96
32) Benzoic acid	10.061	122	144826	50.420	ng		95
33) 4-Chloroaniline	10.919	127	234875	42.324	ng		97
34) Hexachlorobutadiene	11.101	225	258511	36.792	ng		93
35) Caprolactam	11.700	113	70081	48.643	ng		96
36) 4-Chloro-3-methylphenol	12.035	107	225355	43.690	ng		99
37) 2-Methylnaphthalene	12.417	142	462618	40.442	ng		96
38) 1-Methylnaphthalene	12.640	142	460445	40.749	ng		99
40) 1,2,4,5-Tetrachloroben...	12.782	216	465411	38.168	ng		99
41) Hexachlorocyclopentadiene	12.770	237	277058	54.992	ng		97
43) 2,4,6-Trichlorophenol	13.022	196	270819	39.611	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	308934	41.542	ng		99
46) 1,1'-Biphenyl	13.428	154	718317	41.411	ng		99
47) 2-Chloronaphthalene	13.469	162	598006	39.808	ng		97
48) 2-Nitroaniline	13.669	65	162114	49.992	ng		87
49) Acenaphthylene	14.315	152	872150	42.443	ng		98
50) Dimethylphthalate	14.051	163	762069	41.974	ng		98
51) 2,6-Dinitrotoluene	14.168	165	167360	44.500	ng		98
52) Acenaphthene	14.662	154	638101m	45.111	ng		
53) 3-Nitroaniline	14.497	138	144599	48.115	ng		86
54) 2,4-Dinitrophenol	14.697	184	183420	66.195	ng	#	89
55) Dibenzofuran	14.991	168	966643	41.986	ng		99
56) 4-Nitrophenol	14.797	139	141436	55.997	ng		94
57) 2,4-Dinitrotoluene	14.950	165	245099	46.361	ng		94
58) Fluorene	15.643	166	810416	41.744	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.214	232	319505m	41.274	ng		
60) Diethylphthalate	15.414	149	714747	42.786	ng		100
61) 4-Chlorophenyl-phenyle...	15.637	204	568391	40.652	ng		95
62) 4-Nitroaniline	15.660	138	153681	46.962	ng		96
63) Azobenzene	15.931	77	680766	41.334	ng		96
65) 4,6-Dinitro-2-methylph...	15.713	198	205505	45.373	ng		88
66) n-Nitrosodiphenylamine	15.849	169	735796	41.694	ng		98
67) 4-Bromophenyl-phenylether	16.530	248	412019	40.425	ng	#	96
68) Hexachlorobenzene	16.648	284	477851	40.105	ng		98
69) Atrazine	16.794	200	230098	36.277	ng		98
70) Pentachlorophenol	16.988	266	390236	50.556	ng		92
71) Phenanthrene	17.388	178	1472886	42.094	ng		98
72) Anthracene	17.476	178	1480290	42.077	ng		99
73) Carbazole	17.746	167	1290385	43.163	ng		97
74) Di-n-butylphthalate	18.310	149	1216881	44.620	ng		99
75) Fluoranthene	19.397	202	2116093	41.444	ng		97
77) Benzidine	19.579	184	605706	54.248	ng		99
78) Pyrene	19.762	202	2171253	41.205	ng		99
80) Butylbenzylphthalate	20.655	149	481909	50.922	ng		95
81) Benzo(a)anthracene	21.595	228	2413056	41.326	ng		99
82) 3,3'-Dichlorobenzidine	21.512	252	838973	43.665	ng		99
83) Chrysene	21.659	228	2258015	40.818	ng		99
84) Bis(2-ethylhexyl)phtha...	21.512	149	709455	49.460	ng		98
85) Di-n-octyl phthalate	22.717	149	1247422	50.275	ng		97
87) Indeno(1,2,3-cd)pyrene	28.440	276	2969538	41.736	ng		99
88) Benzo(b)fluoranthene	23.792	252	2504054	40.669	ng		99
89) Benzo(k)fluoranthene	23.857	252	2510843	42.041	ng		99
90) Benzo(a)pyrene	24.656	252	2254378	41.326	ng	#	98
91) Dibenzo(a,h)anthracene	28.510	278	2512171	42.224	ng		97
92) Benzo(g,h,i)perylene	29.591	276	2451741	41.428	ng		98

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

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