Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053034.D
Acq On : 5 Apr 2022 16:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 18:04:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 14:24:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/06/2022

Supervised By :Jagrut Upadhyay

04/06/2022

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04/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	33415	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	126719	20.000	ng	-0.01
39) Acenaphthene-d10	14.752	164	96009	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	226453	20.000	ng	0.00
76) Chrysene-d12	21.778	240	241361	20.000	ng	-0.02
86) Perylene-d12	25.085	264	263504	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	145064	75.604	ng	0.00
7) Phenol-d6	7.285	99	217294	75.118	ng	0.00
23) Nitrobenzene-d5	9.294	82	231117	91.540	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	107024	82.958	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	487818	74.936	ng	-0.01
79) Terphenyl-d14	20.098	244	987064	72.747	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	36805	38.346	ng	# 90
3) Pyridine	3.990	79	93808	38.127	ng	89
4) n-Nitrosodimethylamine	3.896	42	47874	43.862	ng	85
6) Aniline	7.456	93	121184	35.728	ng	95
8) 2-Chlorophenol	7.697	128	75553	37.475	ng	91
9) Benzaldehyde	7.262	77	61167	37.929	ng	92
10) Phenol	7.309	94	106910	37.440	ng	84
11) bis(2-Chloroethyl)ether	7.544	93	79502	36.868	ng	93
12) 1,3-Dichlorobenzene	8.026	146	88167	36.321	ng	# 93
13) 1,4-Dichlorobenzene	8.172	146	87288	35.789	ng	99
14) 1,2-Dichlorobenzene	8.490	146	82640	35.827	ng	97
15) Benzyl Alcohol	8.366	79	94994	39.001	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.654	45	131845	35.109	ng	97
17) 2-Methylphenol	8.566	107	69087	36.293	ng	# 93
18) Hexachloroethane	9.224	117	34041	38.041	ng	92
19) n-Nitroso-di-n-propyla...	8.936	70	77118	37.641	ng	# 93
20) 3+4-Methylphenols	8.895	107	102572	38.503	ng	90
22) Acetophenone	8.954	105	126178	38.477	ng	# 93
24) Nitrobenzene	9.336	77	114374	45.275	ng	# 89
25) Isophorone	9.858	82	193155	39.510	ng	98
26) 2-Nitrophenol	10.046	139	44781	51.046	ng	# 87
27) 2,4-Dimethylphenol	10.099	122	65839	36.684	ng	91
28) bis(2-Chloroethoxy)met...	10.334	93	110113	38.093	ng	97
29) 2,4-Dichlorophenol	10.581	162	82196	40.701	ng	98
30) 1,2,4-Trichlorobenzene	10.810	180	93243	39.139	ng	97
31) Naphthalene	10.992	128	246783	37.660	ng	99
32) Benzoic acid	10.223	122	39588	31.866	ng	94
33) 4-Chloroaniline	11.092	127	105949	38.148	ng	95
34) Hexachlorobutadiene	11.286	225	69379	40.617	ng	98
35) Caprolactam	11.856	113	28210	51.157	ng	95
36) 4-Chloro-3-methylphenol	12.202	107	96231	41.034	ng	87
37) 2-Methylnaphthalene	12.590	142	181739	37.871	ng	96
38) 1-Methylnaphthalene	12.807	142	173679m	37.083	ng	
40) 1,2,4,5-Tetrachloroben...	12.954	216	116709	38.909	ng	99
41) Hexachlorocyclopentadiene	12.937	237	64848	36.473	ng	98
43) 2,4,6-Trichlorophenol	13.189	196	79414	41.342	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.260	196	84469	43.324	ng		96
46) 1,1'-Biphenyl	13.589	154	245909	36.625	ng		97
47) 2-Chloronaphthalene	13.630	162	198418	37.525	ng		97
48) 2-Nitroaniline	13.824	65	78554	54.322	ng		89
49) Acenaphthylene	14.476	152	310341	36.819	ng		99
50) Dimethylphthalate	14.200	163	266339	37.326	ng		99
51) 2,6-Dinitrotoluene	14.317	165	56455	46.861	ng	#	82
52) Acenaphthene	14.816	154	209584	38.813	ng		95
53) 3-Nitroaniline	14.646	138	63152	44.797	ng		89
54) 2,4-Dinitrophenol	14.846	184	32864	50.045	ng	#	83
55) Dibenzofuran	15.151	168	329019	37.311	ng		99
56) 4-Nitrophenol	14.940	139	50541	43.951	ng	#	75
57) 2,4-Dinitrotoluene	15.098	165	81348	48.666	ng	#	85
58) Fluorene	15.797	166	261592	36.392	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.374	232	84047	40.330	ng		98
60) Diethylphthalate	15.557	149	277586	36.854	ng		98
61) 4-Chlorophenyl-phenyle...	15.780	204	146861	37.046	ng		96
62) 4-Nitroaniline	15.803	138	63628	42.715	ng	#	77
63) Azobenzene	16.079	77	295748	36.737	ng		97
65) 4,6-Dinitro-2-methylph...	15.868	198	55967	55.437	ng		95
66) n-Nitrosodiphenylamine	15.997	169	234918	36.848	ng		99
67) 4-Bromophenyl-phenylether	16.679	248	104956	38.443	ng		96
68) Hexachlorobenzene	16.802	284	113858	38.799	ng	#	91
69) Atrazine	16.937	200	88247	37.539	ng		98
70) Pentachlorophenol	17.143	266	68405	37.573	ng	#	88
71) Phenanthrene	17.536	178	451196	37.244	ng		98
72) Anthracene	17.624	178	446682	37.298	ng		99
73) Carbazole	17.889	167	440123	37.107	ng		98
74) Di-n-butylphthalate	18.447	149	483768	37.335	ng		99
75) Fluoranthene	19.539	202	596530	38.791	ng		100
77) Benzidine	19.710	184	305238	49.033	ng		99
78) Pyrene	19.904	202	602872	36.009	ng		99
80) Butylbenzylphthalate	20.779	149	226963	38.216	ng		98
81) Benzo(a)anthracene	21.760	228	610366	37.766	ng		99
82) 3,3'-Dichlorobenzidine	21.666	252	219414	38.444	ng		97
83) Chrysene	21.825	228	567340	37.340	ng		100
84) Bis(2-ethylhexyl)phtha...	21.654	149	313258	38.785	ng		98
85) Di-n-octyl phthalate	22.894	149	531051	39.496	ng		97
87) Indeno(1,2,3-cd)pyrene	28.862	276	734244	40.710	ng	#	98
88) Benzo(b)fluoranthene	24.027	252	593833	36.295	ng		97
89) Benzo(k)fluoranthene	24.104	252	602935	37.456	ng		99
90) Benzo(a)pyrene	24.926	252	521641	37.666	ng		97
91) Dibenzo(a,h)anthracene	28.933	278	591509	39.801	ng	#	98
92) Benzo(g,h,i)perylene	30.049	276	590204	40.137	ng		99

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

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