Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050642.D
Acq On : 20 Oct 2021 12:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/21/2021 11:18:07 AM

Quant Time: Oct 20 13:54:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.254	152	45693	20.00	ng		0.00
21) Naphthalene-d8	11.074	136	191861	20.00	ng		#-0.01
39) Acenaphthene-d10	14.875	164	124244	20.00	ng		0.00
64) Phenanthrene-d10	17.613	188	277611	20.00	ng		# 0.00
76) Chrysene-d12	21.914	240	234359	20.00	ng		#-0.01
86) Perylene-d12	25.328	264	239069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.786	112	228614	74.83	ng		0.00
7) Phenol-d6	7.396	99	339715	76.80	ng		0.00
23) Nitrobenzene-d5	9.423	82	343375	74.09	ng		0.00
42) 2,4,6-Tribromophenol	16.356	330	88580	74.75	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	624582	75.66	ng		-0.01
79) Terphenyl-d14	20.204	244	956438	79.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.653	88	55716	35.21	ng		93
3) Pyridine	4.058	79	156907	36.30	ng		96
4) n-Nitrosodimethylamine	3.970	42	76317	37.46	ng	#	51
6) Aniline	7.572	93	194024	37.75	ng		93
8) 2-Chlorophenol	7.813	128	113961	38.74	ng		88
9) Benzaldehyde	7.384	77	113612	40.84	ng		91
10) Phenol	7.419	94	165903	38.57	ng		85
11) bis(2-Chloroethyl)ether	7.660	93	127176	37.88	ng		85
12) 1,3-Dichlorobenzene	8.142	146	127866	37.65	ng		94
13) 1,4-Dichlorobenzene	8.289	146	129642	37.87	ng		96
14) 1,2-Dichlorobenzene	8.612	146	123166	37.67	ng		95
15) Benzyl Alcohol	8.489	79	136653	39.09	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.771	45	209503	38.27	ng		84
17) 2-Methylphenol	8.682	107	109900	38.83	ng		93
18) Hexachloroethane	9.346	117	50107	38.67	ng		90
19) n-Nitroso-di-n-propyla...	9.053	70	120222	37.29	ng	#	89
20) 3+4-Methylphenols	9.011	107	153259	38.47	ng		97
22) Acetophenone	9.076	105	197952	36.29	ng	#	97
24) Nitrobenzene	9.470	77	168578	36.58	ng		95
25) Isophorone	9.987	82	300657	36.57	ng	#	95
26) 2-Nitrophenol	10.181	139	68263	40.34	ng	#	91
27) 2,4-Dimethylphenol	10.222	122	107613	36.81	ng		96
28) bis(2-Chloroethoxy)met...	10.463	93	175049	37.24	ng		95
29) 2,4-Dichlorophenol	10.715	162	114244	38.34	ng		96
30) 1,2,4-Trichlorobenzene	10.933	180	126350	37.33	ng		96
31) Naphthalene	11.127	128	383528	37.35	ng		97
32) Benzoic acid	10.369	122	76973	35.47	ng	#	78
33) 4-Chloroaniline	11.232	127	161685	37.52	ng		96
34) Hexachlorobutadiene	11.403	225	79386	37.36	ng		93
35) Caprolactam	12.002	113	42072	36.89	ng	#	62
36) 4-Chloro-3-methylphenol	12.331	107	138059	37.07	ng	#	92
37) 2-Methylnaphthalene	12.713	142	260545	36.77	ng		94
38) 1-Methylnaphthalene	12.930	142	251687	36.63	ng		95
40) 1,2,4,5-Tetrachloroben...	13.077	216	139395	37.99	ng		98
41) Hexachlorocyclopentadiene	13.048	237	81690	38.53	ng		89
43) 2,4,6-Trichlorophenol	13.306	196	97894	37.86	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	107102	39.62	ng		91
46) 1,1'-Biphenyl	13.706	154	342646	37.81	ng		96
47) 2-Chloronaphthalene	13.759	162	265036	38.09	ng		100
48) 2-Nitroaniline	13.953	65	108358	39.14	ng		96
49) Acenaphthylene	14.599	152	424817	37.26	ng		96
50) Dimethylphthalate	14.317	163	351225	37.40	ng		100
51) 2,6-Dinitrotoluene	14.440	165	72965	38.79	ng		94
52) Acenaphthene	14.934	154	273708m	37.36	ng		
53) 3-Nitroaniline	14.775	138	85481	38.42	ng		89
54) 2,4-Dinitrophenol	14.975	184	39020	33.44	ng		90
55) Dibenzofuran	15.269	168	420685	37.13	ng		97
56) 4-Nitrophenol	15.063	139	66198	36.99	ng	#	81
57) 2,4-Dinitrotoluene	15.222	165	103353	38.98	ng		93
58) Fluorene	15.915	166	325398	37.39	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.486	232	86514m	36.74	ng		
60) Diethylphthalate	15.668	149	367765	37.27	ng		97
61) 4-Chlorophenyl-phenyle...	15.898	204	178301	37.44	ng		98
62) 4-Nitroaniline	15.933	138	87773	37.92	ng	#	67
63) Azobenzene	16.191	77	423221	37.05	ng		82
65) 4,6-Dinitro-2-methylph...	15.986	198	63462	38.06	ng		87
66) n-Nitrosodiphenylamine	16.115	169	289620	36.72	ng		97
67) 4-Bromophenyl-phenylether	16.796	248	104401	37.32	ng		96
68) Hexachlorobenzene	16.914	284	103337	37.17	ng	#	90
69) Atrazine	17.055	200	114774	36.94	ng		99
70) Pentachlorophenol	17.261	266	67780	35.81	ng		100
71) Phenanthrene	17.660	178	531301	36.32	ng		98
72) Anthracene	17.748	178	531131	36.54	ng		98
73) Carbazole	18.019	167	530361	36.61	ng		99
74) Di-n-butylphthalate	18.553	149	638671	37.56	ng	#	98
75) Fluoranthene	19.658	202	642650	35.74	ng		96
77) Benzidine	19.828	184	288738	38.01	ng		97
78) Pyrene	20.016	202	644049	38.73	ng		97
80) Butylbenzylphthalate	20.886	149	279954	39.80	ng		95
81) Benzo(a)anthracene	21.896	228	597896	38.56	ng		98
82) 3,3'-Dichlorobenzidine	21.802	252	201119	39.13	ng	#	98
83) Chrysene	21.967	228	553437	37.94	ng		96
84) Bis(2-ethylhexyl)phtha...	21.767	149	393266	39.35	ng	#	96
85) Di-n-octyl phthalate	23.048	149	669558	40.17	ng		96
87) Indeno(1,2,3-cd)pyrene	29.247	276	641063	38.50	ng	#	88
88) Benzo(b)fluoranthene	24.235	252	560689	38.30	ng	#	92
89) Benzo(k)fluoranthene	24.311	252	564733	39.21	ng	#	96
90) Benzo(a)pyrene	25.163	252	483727	38.86	ng	#	95
91) Dibenzo(a,h)anthracene	29.311	278	527510	38.30	ng	#	94
92) Benzo(g,h,i)perylene	30.480	276	520609	38.60	ng	#	92

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

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