Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
Data File : BG052586.D
Acq On : 7 Mar 2022 11:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 13:15:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 13:13:00 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	29238	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	114710	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	82811	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	205513	20.000	ng	0.00
76) Chrysene-d12	21.927	240	214095	20.000	ng	# 0.00
86) Perylene-d12	25.387	264	220053	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	73952	44.082	ng	0.00
7) Phenol-d6	7.370	99	100606	38.868	ng	0.00
23) Nitrobenzene-d5	9.391	82	105097	39.819	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	48582	40.835	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	245731	41.233	ng	0.00
79) Terphenyl-d14	20.206	244	500220	41.258	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	17032	22.049	ng	# 89
3) Pyridine	3.999	79	44568	19.893	ng	# 86
4) n-Nitrosodimethylamine	3.905	42	21018	18.169	ng	# 66
6) Aniline	7.529	93	57657	19.173	ng	96
8) 2-Chlorophenol	7.782	128	38397	20.806	ng	91
9) Benzaldehyde	7.341	77	32384	20.381	ng	97
10) Phenol	7.394	94	50143	19.497	ng	94
11) bis(2-Chloroethyl)ether	7.623	93	38806	19.740	ng	92
12) 1,3-Dichlorobenzene	8.111	146	43946	20.900	ng	90
13) 1,4-Dichlorobenzene	8.258	146	45322	21.144	ng	96
14) 1,2-Dichlorobenzene	8.581	146	45273	21.416	ng	93
15) Benzyl Alcohol	8.451	79	37733	17.565	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.739	45	52714	18.570	ng	96
17) 2-Methylphenol	8.663	107	32631	19.228	ng	94
18) Hexachloroethane	9.321	117	15778	21.169	ng	94
19) n-Nitroso-di-n-propyla...	9.021	70	34238	17.545	ng	89
20) 3+4-Methylphenols	8.992	107	45134	18.589	ng	95
22) Acetophenone	9.045	105	60738	20.034	ng	# 94
24) Nitrobenzene	9.432	77	49018	19.579	ng	# 92
25) Isophorone	9.955	82	85894	19.126	ng	98
26) 2-Nitrophenol	10.155	139	21355	20.124	ng	88
27) 2,4-Dimethylphenol	10.208	122	32978	20.989	ng	83
28) bis(2-Chloroethoxy)met...	10.437	93	51955	20.385	ng	96
29) 2,4-Dichlorophenol	10.707	162	37178	19.741	ng	97
30) 1,2,4-Trichlorobenzene	10.919	180	45008	20.467	ng	99
31) Naphthalene	11.107	128	123304	20.504	ng	94
32) Benzoic acid	10.366	122	10325m	11.189	ng	
33) 4-Chloroaniline	11.212	127	50216	20.001	ng	94
34) Hexachlorobutadiene	11.394	225	31546	21.241	ng	97
35) Caprolactam	11.958	113	13577	19.783	ng	89
36) 4-Chloro-3-methylphenol	12.328	107	42421	19.800	ng	97
37) 2-Methylnaphthalene	12.704	142	89767	20.097	ng	97
38) 1-Methylnaphthalene	12.922	142	89224	20.615	ng	# 95
40) 1,2,4,5-Tetrachloroben...	13.069	216	57195	20.998	ng	95
41) Hexachlorocyclopentadiene	13.051	237	17940	15.600	ng	98
43) 2,4,6-Trichlorophenol	13.304	196	34451	19.339	ng	98

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44) 2,4,5-Trichlorophenol	13.386	196	37657	19.506	ng		94
46) 1,1'-Biphenyl	13.697	154	122537	20.179	ng		99
47) 2-Chloronaphthalene	13.744	162	96087	20.539	ng		98
48) 2-Nitroaniline	13.944	65	30977	18.598	ng		90
49) Acenaphthylene	14.590	152	156451	20.543	ng		98
50) Dimethylphthalate	14.302	163	130376	20.552	ng		98
51) 2,6-Dinitrotoluene	14.426	165	28458	20.788	ng	#	83
52) Acenaphthene	14.931	154	100580m	20.166	ng		
53) 3-Nitroaniline	14.760	138	28900	20.310	ng		97
54) 2,4-Dinitrophenol	14.978	184	11706	15.771	ng		89
55) Dibenzofuran	15.260	168	159272	20.306	ng		98
56) 4-Nitrophenol	15.078	139	20794	19.459	ng	#	80
57) 2,4-Dinitrotoluene	15.219	165	40349	20.709	ng	#	84
58) Fluorene	15.912	166	130705	20.874	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.489	232	36055	19.551	ng	#	95
60) Diethylphthalate	15.659	149	134250	20.949	ng		98
61) 4-Chlorophenyl-phenyle...	15.894	204	72994	20.465	ng		97
62) 4-Nitroaniline	15.918	138	33209	22.169	ng	#	79
63) Azobenzene	16.188	77	130626	19.912	ng		92
65) 4,6-Dinitro-2-methylph...	15.982	198	25736	20.817	ng		88
66) n-Nitrosodiphenylamine	16.106	169	117447	20.742	ng		95
67) 4-Bromophenyl-phenylether	16.793	248	50637	20.261	ng		91
68) Hexachlorobenzene	16.922	284	54356	20.052	ng		96
69) Atrazine	17.046	200	46845	20.463	ng		93
70) Pentachlorophenol	17.275	266	23614m	17.807	ng		
71) Phenanthrene	17.657	178	219789	20.746	ng		98
72) Anthracene	17.751	178	218178	21.015	ng		97
73) Carbazole	18.015	167	213978	21.133	ng		99
74) Di-n-butylphthalate	18.555	149	243042	22.030	ng		98
75) Fluoranthene	19.660	202	290958	21.568	ng		98
77) Benzidine	19.830	184	103096	22.536	ng		99
78) Pyrene	20.024	202	294433	20.553	ng		98
80) Butylbenzylphthalate	20.887	149	107673	21.637	ng		94
81) Benzo(a)anthracene	21.910	228	293458	20.713	ng		99
82) 3,3'-Dichlorobenzidine	21.810	252	105712	21.374	ng		97
83) Chrysene	21.980	228	277510	20.671	ng		99
84) Bis(2-ethylhexyl)phtha...	21.786	149	147799	21.420	ng		96
85) Di-n-octyl phthalate	23.073	149	248380	21.470	ng	#	93
87) Indeno(1,2,3-cd)pyrene	29.382	276	329802	20.481	ng	#	98
88) Benzo(b)fluoranthene	24.283	252	280224	20.435	ng		97
89) Benzo(k)fluoranthene	24.353	252	282793	20.876	ng		99
90) Benzo(a)pyrene	25.229	252	237191	20.476	ng		97
91) Dibenzo(a,h)anthracene	29.452	278	275147	20.684	ng		98
92) Benzo(g,h,i)perylene	30.633	276	269365	20.633	ng		97

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

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