Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044033.D
Acq On : 14 Jan 2020 11:49
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/16/2020 1:38:32 PM

Quant Time: Jan 14 20:39:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	150123	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	600674	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	379715	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	818383	20.00	ng		-0.01
76) Chrysene-d12	21.59	240	755742	20.00	ng		0.00
87) Perylene-d12	24.76	264	843334	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	673813	82.41	ng		-0.01
7) Phenol-d6	7.12	99	920200	80.52	ng		0.00
23) Nitrobenzene-d5	9.10	82	849371	75.64	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	356887	89.81	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1725357	82.32	ng		-0.02
79) Terphenyl-d14	19.94	244	2550900	80.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	144270	40.469	ng		96
3) Pyridine	3.82	79	413549	39.268	ng		93
4) n-Nitrosodimethylamine	3.73	42	176847	37.717	ng		98
6) Aniline	7.27	93	581337	38.727	ng		99
8) 2-Chlorophenol	7.52	128	383115	39.914	ng		97
9) Benzaldehyde	7.08	77	252802	34.561	ng		100
10) Phenol	7.14	94	466088	39.582	ng		99
11) bis(2-Chloroethyl)ether	7.36	93	387782	38.151	ng		98
12) 1,3-Dichlorobenzene	7.84	146	457005	40.687	ng		99
13) 1,4-Dichlorobenzene	7.98	146	457116	41.246	ng		98
14) 1,2-Dichlorobenzene	8.30	146	432591	40.666	ng		99
15) Benzyl Alcohol	8.19	79	336063	37.258	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	554858	35.284	ng		98
17) 2-Methylphenol	8.39	107	333486	39.136	ng		98
18) Hexachloroethane	9.03	117	173990	40.346	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	296589	34.847	ng	#	96
20) 3+4-Methylphenols	8.72	107	452922	38.101	ng		98
22) Acetophenone	8.77	105	574362	38.462	ng		98
24) Nitrobenzene	9.14	77	425501	38.261	ng		99
25) Isophorone	9.67	82	772444	36.668	ng		98
26) 2-Nitrophenol	9.86	139	227994	43.333	ng		98
27) 2,4-Dimethylphenol	9.93	122	308024	38.891	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	515987	36.741	ng		99
29) 2,4-Dichlorophenol	10.40	162	380243	40.249	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	430587	40.649	ng		99
31) Naphthalene	10.80	128	1172150	40.325	ng		100
32) Benzoic acid	10.08	122	222061	36.200	ng		94
33) 4-Chloroaniline	10.90	127	536188	38.674	ng		99
34) Hexachlorobutadiene	11.10	225	261355	40.411	ng		98
35) Caprolactam	11.68	113	137800	39.182	ng		97
36) 4-Chloro-3-methylphenol	12.03	107	394461	39.222	ng		97
37) 2-Methylnaphthalene	12.41	142	861540	39.369	ng		98
38) 1-Methylnaphthalene	12.62	142	804281	38.778	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	446979	40.162	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	206754	35.833 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	310353	40.527 ng	98
44) 2,4,5-Trichlorophenol	13.09	196	320236	40.545 ng	99
46) 1,1'-Biphenyl	13.42	154	1085671	39.878 ng	99
47) 2-Chloronaphthalene	13.46	162	871754	39.626 ng	98
48) 2-Nitroaniline	13.65	65	275920	38.990 ng	97
49) Acenaphthylene	14.30	152	1275426	40.336 ng	99
50) Dimethylphthalate	14.04	163	1066933	39.573 ng	100
51) 2,6-Dinitrotoluene	14.15	165	241636	39.652 ng	98
52) Acenaphthene	14.64	154	882549	39.800 ng	98
53) 3-Nitroaniline	14.48	138	285378	41.239 ng	96
54) 2,4-Dinitrophenol	14.69	184	115270	40.068 ng	95
55) Dibenzofuran	14.98	168	1229734	40.285 ng	99
56) 4-Nitrophenol	14.79	139	222959	42.045 ng	93
57) 2,4-Dinitrotoluene	14.94	165	350780	42.304 ng	99
58) Fluorene	15.63	166	982066	40.590 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	280939	41.365 ng	96
60) Diethylphthalate	15.40	149	1088556	40.367 ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	518268	39.449 ng	98
62) 4-Nitroaniline	15.64	138	290435	42.500 ng	97
63) Azobenzene	15.91	77	964824	38.580 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	171696	41.386 ng	98
66) n-Nitrosodiphenylamine	15.84	169	917255	38.060 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	350733	38.105 ng	99
68) Hexachlorobenzene	16.64	284	385618	38.881 ng	99
69) Atrazine	16.78	200	287531	36.704 ng	99
70) Pentachlorophenol	16.98	266	214767	39.282 ng	99
71) Phenanthrene	17.36	178	1564892	39.866 ng	99
72) Anthracene	17.46	178	1561803	40.259 ng	100
73) Carbazole	17.72	167	1487648	41.514 ng	99
74) Di-n-butylphthalate	18.29	149	1822071	39.825 ng	100
75) Fluoranthene	19.37	202	1827694	40.713 ng	100
77) Benzidine	19.56	184	639267	33.653 ng	99
78) Pyrene	19.74	202	1842050	37.341 ng	99
80) Butylbenzylphthalate	20.63	149	911058	38.792 ng	95
81) Benzo(a)anthracene	21.56	228	1800882	38.430 ng	100
82) 3,3'-Dichlorobenzidine	21.48	252	698491	37.728 ng	99
83) Chrysene	21.64	228	1879425	42.208 ng	95
84) Bis(2-ethylhexyl)phthalate	21.48	149	1233340	38.059 ng	99
85) Di-n-octyl phthalate	22.68	149	2165576	39.750 ng	98
86) Indeno(1,2,3-cd)pyrene	28.37	276	2353126m	38.886 ng	
88) Benzo(b)fluoranthene	23.73	252	2004858m	40.213 ng	
89) Benzo(k)fluoranthene	23.82	252	1930086	40.711 ng	98
90) Benzo(a)pyrene	24.61	252	1891519	40.198 ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1929091	40.821 ng	97
92) Benzo(g,h,i)perylene	29.61	276	1882984	40.114 ng	96

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

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