Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG043001.D
Acq On : 3 Oct 2019 2:09
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/4/2019 8:18:10 AM

Quant Time: Oct 03 05:57:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	92476	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	365116	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	258922	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	585619	20.00	ng		0.00
76) Chrysene-d12	21.71	240	616483	20.00	ng		0.00
87) Perylene-d12	24.93	264	731612	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	408240	78.78	ng		0.00
7) Phenol-d6	7.24	99	582949	78.12	ng		0.00
23) Nitrobenzene-d5	9.23	82	580457	77.27	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	359662	80.78	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1389675	77.81	ng		0.00
79) Terphenyl-d14	20.04	244	2293244	79.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	74623	34.540	ng		95
3) Pyridine	3.96	79	227664	37.466	ng		94
4) n-Nitrosodimethylamine	3.86	42	109134	37.348	ng	#	95
6) Aniline	7.40	93	338690	37.600	ng		100
8) 2-Chlorophenol	7.64	128	214875	39.762	ng		98
9) Benzaldehyde	7.21	77	171211	37.547	ng		89
10) Phenol	7.27	94	271331	39.632	ng		95
11) bis(2-Chloroethyl)ether	7.49	93	198561	37.485	ng		98
12) 1,3-Dichlorobenzene	7.96	146	270845	39.289	ng		98
13) 1,4-Dichlorobenzene	8.10	146	264134	38.435	ng		98
14) 1,2-Dichlorobenzene	8.43	146	259947	39.731	ng		95
15) Benzyl Alcohol	8.31	79	218005	38.858	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	337903	33.216	ng		99
17) 2-Methylphenol	8.52	107	185161	38.652	ng		98
18) Hexachloroethane	9.16	117	98324	37.990	ng		92
19) n-Nitroso-di-n-propylamine	8.87	70	183798	37.511	ng		96
20) 3+4-Methylphenols	8.85	107	258422	39.365	ng		96
22) Acetophenone	8.89	105	359802	38.230	ng	#	96
24) Nitrobenzene	9.27	77	274850	38.359	ng		99
25) Isophorone	9.80	82	496475	37.626	ng		99
26) 2-Nitrophenol	9.98	139	131403	43.080	ng		96
27) 2,4-Dimethylphenol	10.04	122	183140	39.097	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	282828	37.779	ng		99
29) 2,4-Dichlorophenol	10.52	162	240848	41.342	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	293610	39.027	ng		97
31) Naphthalene	10.92	128	698423	38.859	ng		99
32) Benzoic acid	10.21	122	164403	45.576	ng		97
33) 4-Chloroaniline	11.03	127	306986	39.362	ng		98
34) Hexachlorobutadiene	11.21	225	218293	38.752	ng		98
35) Caprolactam	11.81	113	81917	39.873	ng	#	88
36) 4-Chloro-3-methylphenol	12.15	107	258862	40.867	ng		99
37) 2-Methylnaphthalene	12.52	142	541380	39.484	ng		97
38) 1-Methylnaphthalene	12.74	142	509186	39.246	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	379328	38.964	ng		98

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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	12.87	237	207661	33.478 ng	96
43) 2,4,6-Trichlorophenol	13.13	196	234792	41.205 ng	100
44) 2,4,5-Trichlorophenol	13.20	196	241570	41.154 ng	96
46) 1,1'-Biphenyl	13.53	154	756201	38.512 ng	97
47) 2-Chloronaphthalene	13.57	162	584866	39.729 ng	99
48) 2-Nitroaniline	13.77	65	199826	40.818 ng	93
49) Acenaphthylene	14.41	152	879547	39.046 ng	99
50) Dimethylphthalate	14.14	163	730413	37.650 ng	99
51) 2,6-Dinitrotoluene	14.26	165	163266	39.518 ng	96
52) Acenaphthene	14.76	154	588469	39.029 ng	99
53) 3-Nitroaniline	14.59	138	167297	39.184 ng	98
54) 2,4-Dinitrophenol	14.79	184	69650	27.122 ng	98
55) Dibenzofuran	15.08	168	866456	38.847 ng	100
56) 4-Nitrophenol	14.90	139	127826	39.293 ng	99
57) 2,4-Dinitrotoluene	15.04	165	240366	39.730 ng	97
58) Fluorene	15.74	166	725976	38.124 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	244434m	39.110 ng	
60) Diethylphthalate	15.50	149	731447	37.047 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	440355	38.558 ng	99
62) 4-Nitroaniline	15.76	138	181394	38.955 ng	99
63) Azobenzene	16.02	77	657617	36.585 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	103595	31.262 ng	96
66) n-Nitrosodiphenylamine	15.94	169	635974	41.138 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	304537	41.433 ng	98
68) Hexachlorobenzene	16.74	284	342249	41.820 ng	96
69) Atrazine	16.89	200	255863	39.303 ng	94
70) Pentachlorophenol	17.08	266	198798	42.098 ng	99
71) Phenanthrene	17.48	178	1116698	39.059 ng	98
72) Anthracene	17.56	178	1122187	39.317 ng	99
73) Carbazole	17.83	167	1033448	39.046 ng	99
74) Di-n-butylphthalate	18.39	149	1211033	38.349 ng	98
75) Fluoranthene	19.48	202	1418214	37.503 ng	100
77) Benzidine	19.66	184	657968	42.625 ng	100
78) Pyrene	19.84	202	1412260	38.381 ng	97
80) Butylbenzylphthalate	20.73	149	573051	41.030 ng	100
81) Benzo(a)anthracene	21.68	228	1512800	39.383 ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	609880	40.481 ng	99
83) Chrysene	21.75	228	1452958	38.978 ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	808461	40.680 ng	99
85) Di-n-octyl phthalate	22.81	149	1364611	41.991 ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1931589	41.624 ng	98
88) Benzo(b)fluoranthene	23.90	252	1622235	39.188 ng	98
89) Benzo(k)fluoranthene	23.97	252	1567308	38.271 ng	99
90) Benzo(a)pyrene	24.78	252	1533549	39.265 ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1605320	40.084 ng	99
92) Benzo(g,h,i)perylene	29.76	276	1543231	39.770 ng	97

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

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