Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043337.D
Acq On : 25 Oct 2019 13:17
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/26/2019 10:00:48 AM

Quant Time: Oct 25 15:51:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37914	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	156498	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	113812	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	259158	20.00	ng		0.00
76) Chrysene-d12	21.67	240	282293	20.00	ng		0.00
87) Perylene-d12	24.87	264	334680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	179810	86.91	ng		0.00
7) Phenol-d6	7.22	99	255984	85.99	ng		0.01
23) Nitrobenzene-d5	9.19	82	248756	81.95	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	178457	82.40	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	682497	82.86	ng		0.00
79) Terphenyl-d14	20.01	244	1269507	84.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	36549	45.330	ng		98
3) Pyridine	3.89	79	95397	46.904	ng		95
4) n-Nitrosodimethylamine	3.81	42	44696	43.550	ng	#	89
6) Aniline	7.35	93	144714	42.200	ng		99
8) 2-Chlorophenol	7.61	128	97329	42.614	ng		98
9) Benzaldehyde	7.16	77	64693	44.221	ng		87
10) Phenol	7.24	94	115127	42.322	ng		91
11) bis(2-Chloroethyl)ether	7.45	93	84644	40.247	ng		98
12) 1,3-Dichlorobenzene	7.92	146	124063	43.354	ng		95
13) 1,4-Dichlorobenzene	8.06	146	122796	42.413	ng		98
14) 1,2-Dichlorobenzene	8.38	146	115774	40.954	ng		99
15) Benzyl Alcohol	8.27	79	88176	42.176	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	128203	41.922	ng		99
17) 2-Methylphenol	8.49	107	83418	42.066	ng		97
18) Hexachloroethane	9.11	117	43959	42.083	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	80286	41.738	ng	#	96
20) 3+4-Methylphenols	8.82	107	112405	41.337	ng		88
22) Acetophenone	8.85	105	165242	41.231	ng	#	96
24) Nitrobenzene	9.23	77	119139	41.200	ng		94
25) Isophorone	9.75	82	221198	39.856	ng		96
26) 2-Nitrophenol	9.94	139	58140	41.645	ng		98
27) 2,4-Dimethylphenol	10.01	122	82809	41.385	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	124397	40.612	ng		95
29) 2,4-Dichlorophenol	10.50	162	109390	42.668	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	130481	40.380	ng		98
31) Naphthalene	10.88	128	324361	40.832	ng		97
32) Benzoic acid	10.18	122	55626	38.593	ng		92
33) 4-Chloroaniline	11.00	127	134865	41.417	ng		99
34) Hexachlorobutadiene	11.17	225	98315	41.159	ng		96
35) Caprolactam	11.77	113	35116	39.770	ng	#	87
36) 4-Chloro-3-methylphenol	12.14	107	116245	41.567	ng		98
37) 2-Methylnaphthalene	12.48	142	249299	40.901	ng		98
38) 1-Methylnaphthalene	12.70	142	237582	40.967	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	173571	41.208	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	70541	31.882	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	104814	42.255	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	108115	43.113	ng		96
46) 1,1'-Biphenyl	13.49	154	362146	41.827	ng		99
47) 2-Chloronaphthalene	13.53	162	271807	41.259	ng		99
48) 2-Nitroaniline	13.74	65	85750	43.551	ng		96
49) Acenaphthylene	14.38	152	426093	41.558	ng		98
50) Dimethylphthalate	14.11	163	359470	40.777	ng		97
51) 2,6-Dinitrotoluene	14.23	165	78665	41.075	ng		95
52) Acenaphthene	14.72	154	255956	40.936	ng		98
53) 3-Nitroaniline	14.57	138	79082	42.769	ng	#	90
54) 2,4-Dinitrophenol	14.77	184	21796	23.849	ng		98
55) Dibenzofuran	15.06	168	422331	41.652	ng		99
56) 4-Nitrophenol	14.90	139	47991	38.730	ng		97
57) 2,4-Dinitrotoluene	15.01	165	111982	40.914	ng		97
58) Fluorene	15.70	166	355202	41.768	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	111270	41.763	ng	#	99
60) Diethylphthalate	15.47	149	359999	40.642	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	206092	41.541	ng		95
62) 4-Nitroaniline	15.73	138	83375	43.661	ng		97
63) Azobenzene	15.98	77	294663	41.104	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	43050	28.227	ng		98
66) n-Nitrosodiphenylamine	15.91	169	309291	42.272	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	147996	42.434	ng		96
68) Hexachlorobenzene	16.71	284	166967	41.706	ng		98
69) Atrazine	16.85	200	97706	38.431	ng		93
70) Pentachlorophenol	17.06	266	76376	41.868	ng		97
71) Phenanthrene	17.44	178	560631	42.245	ng		99
72) Anthracene	17.53	178	557240	41.968	ng		100
73) Carbazole	17.81	167	504340	41.945	ng		97
74) Di-n-butylphthalate	18.36	149	608825	41.731	ng		98
75) Fluoranthene	19.45	202	716783	41.430	ng		99
77) Benzidine	19.63	184	222134	39.100	ng		97
78) Pyrene	19.81	202	731435	41.859	ng		99
80) Butylbenzylphthalate	20.70	149	282861	42.728	ng		96
81) Benzo(a)anthracene	21.65	228	753587	42.617	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	298792	43.688	ng		95
83) Chrysene	21.71	228	735725	41.876	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	403939	42.955	ng		99
85) Di-n-octyl phthalate	22.75	149	680626	42.661	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	956396	43.367	ng		99
88) Benzo(b)fluoranthene	23.85	252	788161	41.580	ng		97
89) Benzo(k)fluoranthene	23.92	252	799611m	41.903	ng		
90) Benzo(a)pyrene	24.72	252	761417	42.065	ng		100
91) Dibenzo(a,h)anthracene	28.57	278	784398	42.367	ng		99
92) Benzo(g,h,i)perylene	29.65	276	769580	42.139	ng		97

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

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