Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041424.D
Acq On : 24 Jun 2019 16:43
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 05:39:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/28/2019 8:24:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26145	20.00	ng		-0.04
21) Naphthalene-d8	10.86	136	103509	20.00	ng		-0.04
39) Acenaphthene-d10	14.68	164	72362	20.00	ng		-0.04
64) Phenanthrene-d10	17.43	188	192488	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	212008	20.00	ng		-0.04
87) Perylene-d12	24.99	264	223311	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	109582	77.01	ng		-0.04
7) Phenol-d6	7.20	99	154580	74.95	ng		-0.04
23) Nitrobenzene-d5	9.22	82	188097	76.42	ng		-0.04
42) 2,4,6-Tribromophenol	16.18	330	83892	75.52	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	423684	79.58	ng		-0.04
79) Terphenyl-d14	20.03	244	854523	79.88	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	25885	36.278	ng		96
3) Pyridine	3.84	79	69116	36.514	ng		96
4) n-Nitrosodimethylamine	3.76	42	35965	35.629	ng	#	85
6) Aniline	7.36	93	106525	37.157	ng		98
8) 2-Chlorophenol	7.60	128	62944	37.647	ng		96
9) Benzaldehyde	7.18	77	48839	37.021	ng		93
10) Phenol	7.22	94	82245	37.081	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	61962	36.819	ng		99
12) 1,3-Dichlorobenzene	7.93	146	81583	38.971	ng		94
13) 1,4-Dichlorobenzene	8.07	146	81968	38.331	ng		94
14) 1,2-Dichlorobenzene	8.40	146	79045	38.700	ng		91
15) Benzyl Alcohol	8.29	79	64541	32.660	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	95087	34.515	ng		98
17) 2-Methylphenol	8.48	107	59254	37.368	ng		94
18) Hexachloroethane	9.12	117	31532	37.210	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	59432	35.627	ng		99
20) 3+4-Methylphenols	8.82	107	80791	38.273	ng		97
22) Acetophenone	8.87	105	117057	38.862	ng	#	96
24) Nitrobenzene	9.27	77	94837	38.313	ng		99
25) Isophorone	9.78	82	167466	37.088	ng		99
26) 2-Nitrophenol	9.98	139	38978	38.841	ng		97
27) 2,4-Dimethylphenol	10.02	122	54582	36.285	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	86101	36.596	ng		98
29) 2,4-Dichlorophenol	10.51	162	73597	39.459	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	92234	38.612	ng		97
31) Naphthalene	10.91	128	212953	37.854	ng		99
32) Benzoic acid	10.18	122	38726m	39.548	ng		
33) 4-Chloroaniline	11.03	127	91964	38.492	ng		97
34) Hexachlorobutadiene	11.17	225	72932	38.464	ng		98
35) Caprolactam	11.82	113	23611	36.771	ng	#	83
36) 4-Chloro-3-methylphenol	12.15	107	79268	36.793	ng		98
37) 2-Methylnaphthalene	12.52	142	154939	37.395	ng		99
38) 1-Methylnaphthalene	12.73	142	147088	37.104	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	116410	38.959	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	68229	33.899	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	72909	39.444	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	71626	37.660	ng		98
46) 1,1'-Biphenyl	13.51	154	211943	38.743	ng		99
47) 2-Chloronaphthalene	13.57	162	184176	39.105	ng		99
48) 2-Nitroaniline	13.78	65	65771	38.130	ng		93
49) Acenaphthylene	14.41	152	276023	38.621	ng		99
50) Dimethylphthalate	14.13	163	247637	38.462	ng		98
51) 2,6-Dinitrotoluene	14.27	165	51888	38.221	ng		96
52) Acenaphthene	14.75	154	162532	38.728	ng		96
53) 3-Nitroaniline	14.61	138	52039	38.907	ng		97
54) 2,4-Dinitrophenol	14.81	184	31255	34.925	ng		86
55) Dibenzofuran	15.08	168	285480	39.124	ng		98
56) 4-Nitrophenol	14.91	139	34608	35.906	ng		95
57) 2,4-Dinitrotoluene	15.05	165	76022	38.308	ng		98
58) Fluorene	15.73	166	223894	39.006	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	74784	38.023	ng		96
60) Diethylphthalate	15.48	149	253535	38.742	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	145660	39.003	ng		98
62) 4-Nitroaniline	15.77	138	51574	36.052	ng		97
63) Azobenzene	16.01	77	223784	38.331	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	48430	38.763	ng		97
66) n-Nitrosodiphenylamine	15.93	169	199391	39.012	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	96473	38.761	ng		95
68) Hexachlorobenzene	16.72	284	104499	39.208	ng		96
69) Atrazine	16.88	200	74030	37.896	ng		97
70) Pentachlorophenol	17.08	266	50957	37.338	ng		93
71) Phenanthrene	17.47	178	399241	38.889	ng		99
72) Anthracene	17.56	178	402962	39.815	ng		98
73) Carbazole	17.84	167	349717	39.500	ng		100
74) Di-n-butylphthalate	18.37	149	444222	40.211	ng		98
75) Fluoranthene	19.48	202	548869	40.244	ng		98
77) Benzidine	19.67	184	210830	41.114	ng		98
78) Pyrene	19.84	202	555888	38.879	ng		99
80) Butylbenzylphthalate	20.71	149	210228	38.872	ng		96
81) Benzo(a)anthracene	21.68	228	563565	39.260	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	201748	40.037	ng		100
83) Chrysene	21.75	228	535418	38.785	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	290738	39.448	ng		99
85) Di-n-octyl phthalate	22.77	149	493847	39.605	ng		98
86) Indeno(1,2,3-cd)pyrene	28.77	276	625337	38.181	ng	#	97
88) Benzo(b)fluoranthene	23.94	252	541264	39.110	ng		99
89) Benzo(k)fluoranthene	24.01	252	537333m	39.193	ng		
90) Benzo(a)pyrene	24.84	252	508975	38.942	ng		100
91) Dibenzo(a,h)anthracene	28.82	278	506811	38.516	ng		98
92) Benzo(g,h,i)perylene	29.96	276	497943	38.292	ng	#	96

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

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