Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
Data File : BG040394.D
Acq On : 9 Apr 2019 11:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/10/2019 11:22:47 AM

Quant Time: Apr 10 08:10:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44574	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	189131	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	115307	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	322770	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	406916	20.00	ng		-0.03
87) Perylene-d12	24.98	264	437229	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	219322	81.80	ng		-0.02
7) Phenol-d6	7.20	99	313458	84.59	ng		-0.02
23) Nitrobenzene-d5	9.22	82	288017	80.94	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	116975	93.87	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	625138	80.33	ng		-0.02
79) Terphenyl-d14	20.03	244	1280585	70.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	52960	42.006	ng		96
3) Pyridine	3.90	79	139791	41.181	ng		98
4) n-Nitrosodimethylamine	3.82	42	63988	40.751	ng	#	90
6) Aniline	7.38	93	196255	40.765	ng		96
8) 2-Chlorophenol	7.61	128	125534	39.995	ng		96
9) Benzaldehyde	7.19	77	96230	37.859	ng		96
10) Phenol	7.23	94	170384	42.362	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	123117	38.218	ng		96
12) 1,3-Dichlorobenzene	7.93	146	138901	40.710	ng		98
13) 1,4-Dichlorobenzene	8.08	146	138852	40.860	ng		99
14) 1,2-Dichlorobenzene	8.40	146	131296	40.402	ng		98
15) Benzyl Alcohol	8.29	79	111668	37.419	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	227372	36.776	ng		98
17) 2-Methylphenol	8.49	107	109190	39.232	ng		98
18) Hexachloroethane	9.13	117	49799	38.526	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	95241	35.848	ng		98
20) 3+4-Methylphenols	8.81	107	151628	40.215	ng		97
22) Acetophenone	8.87	105	181674	38.508	ng	#	98
24) Nitrobenzene	9.27	77	145725	39.549	ng		98
25) Isophorone	9.77	82	269870	36.861	ng		98
26) 2-Nitrophenol	9.98	139	68281	39.109	ng		95
27) 2,4-Dimethylphenol	10.02	122	104449	37.663	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	163009	37.634	ng		99
29) 2,4-Dichlorophenol	10.51	162	119919	39.837	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	128907	39.000	ng		98
31) Naphthalene	10.91	128	393415	40.582	ng		98
32) Benzoic acid	10.14	122	51495m	30.732	ng		
33) 4-Chloroaniline	11.02	127	168793	40.819	ng		94
34) Hexachlorobutadiene	11.17	225	78904	37.326	ng		93
35) Caprolactam	11.81	113	51417	43.042	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	142425	41.156	ng		99
37) 2-Methylnaphthalene	12.51	142	278777	38.882	ng		98
38) 1-Methylnaphthalene	12.73	142	273594	39.352	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	143577	39.177	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	76134	37.835	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	94734	40.093	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	106778	41.460	ng		97
46) 1,1'-Biphenyl	13.51	154	359201	39.426	ng		98
47) 2-Chloronaphthalene	13.56	162	282932	40.485	ng		98
48) 2-Nitroaniline	13.77	65	99453	42.190	ng		96
49) Acenaphthylene	14.40	152	497120	41.955	ng		100
50) Dimethylphthalate	14.13	163	369555	40.951	ng		99
51) 2,6-Dinitrotoluene	14.26	165	89053	43.949	ng		93
52) Acenaphthene	14.74	154	277107	40.814	ng		99
53) 3-Nitroaniline	14.60	138	98972	46.143	ng		97
54) 2,4-Dinitrophenol	14.80	184	39265	36.436	ng		87
55) Dibenzofuran	15.07	168	464734	42.597	ng		99
56) 4-Nitrophenol	14.90	139	78936	45.598	ng		97
57) 2,4-Dinitrotoluene	15.04	165	132525	47.069	ng	#	96
58) Fluorene	15.73	166	375748	43.806	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	104050	44.521	ng		99
60) Diethylphthalate	15.48	149	389238	42.150	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	189113	41.246	ng		97
62) 4-Nitroaniline	15.76	138	118681	51.559	ng		98
63) Azobenzene	16.00	77	370857	42.575	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	73375	40.463	ng		98
66) n-Nitrosodiphenylamine	15.93	169	346282	36.662	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	128152	35.281	ng		98
68) Hexachlorobenzene	16.72	284	141593	38.770	ng		98
69) Atrazine	16.87	200	140892	40.100	ng		97
70) Pentachlorophenol	17.07	266	75040	35.540	ng		93
71) Phenanthrene	17.47	178	699901	41.255	ng		98
72) Anthracene	17.56	178	693548	40.843	ng		99
73) Carbazole	17.83	167	733538	45.645	ng		100
74) Di-n-butylphthalate	18.36	149	801981	42.100	ng		100
75) Fluoranthene	19.47	202	968047	48.188	ng		100
77) Benzidine	19.66	184	585912	39.874	ng		97
78) Pyrene	19.84	202	990569	37.018	ng		99
80) Butylbenzylphthalate	20.70	149	428848	37.452	ng		99
81) Benzo(a)anthracene	21.68	228	986045	39.341	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	384172	40.293	ng		98
83) Chrysene	21.75	228	958442	39.789	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	592272	36.184	ng		99
85) Di-n-octyl phthalate	22.77	149	1017575	36.488	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1186322	40.268	ng	#	90
88) Benzo(b)fluoranthene	23.93	252	1039610	38.837	ng		98
89) Benzo(k)fluoranthene	24.00	252	971617	39.469	ng		98
90) Benzo(a)pyrene	24.82	252	985364	39.232	ng		98
91) Dibenzo(a,h)anthracene	28.81	278	942204	40.392	ng		99
92) Benzo(g,h,i)perylene	29.93	276	962647	40.155	ng		97

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

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