Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043629.D
Acq On : 14 Nov 2019 11:57
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 15 00:56:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36519	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	148367	20.00	ng		-0.02
39) Acenaphthene-d10	14.63	164	105722	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	258018	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	275652	20.00	ng		-0.02
87) Perylene-d12	24.82	264	333790	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	164577	82.58	ng		0.00
7) Phenol-d6	7.20	99	239932	83.68	ng		0.00
23) Nitrobenzene-d5	9.17	82	229917	79.89	ng		-0.01
42) 2,4,6-Tribromophenol	16.12	330	155403	77.24	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	629079	82.22	ng		-0.02
79) Terphenyl-d14	19.99	244	1176679	80.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	29502	37.988	ng		95
3) Pyridine	3.86	79	82878	42.305	ng		97
4) n-Nitrosodimethylamine	3.78	42	41080	41.556	ng	#	87
6) Aniline	7.33	93	134186	40.625	ng		100
8) 2-Chlorophenol	7.57	128	90212	41.007	ng		95
9) Benzaldehyde	7.14	77	58531	41.537	ng		93
10) Phenol	7.23	94	110835	42.301	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	77764	38.388	ng		98
12) 1,3-Dichlorobenzene	7.88	146	109739	39.813	ng		98
13) 1,4-Dichlorobenzene	8.03	146	113734	40.783	ng		97
14) 1,2-Dichlorobenzene	8.35	146	107938	39.641	ng		92
15) Benzyl Alcohol	8.25	79	85248	42.333	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	113481	38.526	ng		97
17) 2-Methylphenol	8.47	107	77818	40.741	ng		94
18) Hexachloroethane	9.08	117	39631	39.389	ng		96
19) n-Nitroso-di-n-propylamine	8.80	70	72702	39.239	ng		96
20) 3+4-Methylphenols	8.80	107	107909	41.199	ng	#	86
22) Acetophenone	8.82	105	153518	40.404	ng	#	95
24) Nitrobenzene	9.20	77	107888	39.354	ng		98
25) Isophorone	9.72	82	204291	38.827	ng		98
26) 2-Nitrophenol	9.92	139	55400	41.857	ng		95
27) 2,4-Dimethylphenol	9.99	122	79330	41.819	ng		89
28) bis(2-Chloroethoxy)methane	10.21	93	113129	38.957	ng		99
29) 2,4-Dichlorophenol	10.47	162	99799	41.060	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	120272	39.261	ng		94
31) Naphthalene	10.85	128	300561	39.910	ng		97
32) Benzoic acid	10.19	122	54272	39.454	ng		92
33) 4-Chloroaniline	10.97	127	125759	40.737	ng		98
34) Hexachlorobutadiene	11.14	225	89276	39.423	ng		91
35) Caprolactam	11.75	113	34592	41.324	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	107623	40.593	ng		99
37) 2-Methylnaphthalene	12.46	142	230696	39.924	ng		96
38) 1-Methylnaphthalene	12.67	142	219413	39.908	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	161932	41.387	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	93889	45.681	ng		97
43) 2,4,6-Trichlorophenol	13.07	196	92323	40.068	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	93498	40.137	ng		97
46) 1,1'-Biphenyl	13.46	154	330669	41.114	ng		98
47) 2-Chloronaphthalene	13.51	162	250688	40.966	ng		99
48) 2-Nitroaniline	13.72	65	79953	43.714	ng		95
49) Acenaphthylene	14.35	152	392370	41.198	ng		98
50) Dimethylphthalate	14.08	163	328298	40.091	ng		98
51) 2,6-Dinitrotoluene	14.21	165	72299	40.640	ng		97
52) Acenaphthene	14.69	154	238442	41.053	ng		99
53) 3-Nitroaniline	14.55	138	73199	42.617	ng		94
54) 2,4-Dinitrophenol	14.75	184	40169	40.150	ng		96
55) Dibenzofuran	15.03	168	384919	40.867	ng		98
56) 4-Nitrophenol	14.89	139	43770	38.027	ng		96
57) 2,4-Dinitrotoluene	14.99	165	105623	41.544	ng	#	96
58) Fluorene	15.68	166	321978	40.758	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	96734	39.085	ng		99
60) Diethylphthalate	15.44	149	327653	39.821	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	186802	40.534	ng		96
62) 4-Nitroaniline	15.72	138	78698	44.365	ng		91
63) Azobenzene	15.96	77	266695	40.049	ng		95
65) 4,6-Dinitro-2-methylphenol	15.76	198	55456	36.522	ng		93
66) n-Nitrosodiphenylamine	15.89	169	280042	38.443	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	134309	38.680	ng		97
68) Hexachlorobenzene	16.69	284	150488	37.756	ng		96
69) Atrazine	16.83	200	97750	38.618	ng		96
70) Pentachlorophenol	17.04	266	70962	39.072	ng		98
71) Phenanthrene	17.42	178	512377	38.780	ng		99
72) Anthracene	17.51	178	515264	38.978	ng		98
73) Carbazole	17.78	167	471199	39.362	ng		98
74) Di-n-butylphthalate	18.33	149	564731	38.879	ng		98
75) Fluoranthene	19.43	202	663479	38.518	ng		99
77) Benzidine	19.61	184	219036	39.483	ng		99
78) Pyrene	19.79	202	674661	39.541	ng		99
80) Butylbenzylphthalate	20.67	149	266316	41.198	ng		95
81) Benzo(a)anthracene	21.62	228	705502	40.859	ng		100
82) 3,3'-Dichlorobenzidine	21.54	252	274408	41.089	ng		99
83) Chrysene	21.69	228	684338	39.890	ng		97
84) Bis(2-ethylhexyl)phthalate	21.52	149	385301	41.960	ng		100
85) Di-n-octyl phthalate	22.71	149	659190	42.313	ng		97
86) Indeno(1,2,3-cd)pyrene	28.46	276	908368	42.181	ng		98
88) Benzo(b)fluoranthene	23.82	252	766576	40.549	ng		100
89) Benzo(k)fluoranthene	23.88	252	753768	39.606	ng		99
90) Benzo(a)pyrene	24.68	252	725352	40.180	ng		100
91) Dibenzo(a,h)anthracene	28.51	278	748815	40.553	ng		99
92) Benzo(g,h,i)perylene	29.59	276	731533	40.163	ng		97

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

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