Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043966.D
Acq On : 8 Jan 2020 14:08
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 09 06:09:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137183	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	560153	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	357829	20.00	ng		0.00
64) Phenanthrene-d10	17.33	188	749762	20.00	ng		0.00
76) Chrysene-d12	21.59	240	630297	20.00	ng		0.00
87) Perylene-d12	24.72	264	714972	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	620079	82.99	ng		0.00
7) Phenol-d6	7.13	99	822342	78.74	ng		0.00
23) Nitrobenzene-d5	9.11	82	760090	72.59	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	303631	81.08	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1580315	80.01	ng		0.00
79) Terphenyl-d14	19.95	244	2083362	77.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	133976	41.127	ng		99
3) Pyridine	3.83	79	387913	40.308	ng		96
4) n-Nitrosodimethylamine	3.74	42	156033	36.417	ng		98
6) Aniline	7.28	93	522173	38.067	ng		98
8) 2-Chlorophenol	7.52	128	340780	38.852	ng		98
9) Benzaldehyde	7.09	77	220700	33.018	ng		99
10) Phenol	7.15	94	412092	38.298	ng		100
11) bis(2-Chloroethyl)ether	7.37	93	342454	36.870	ng		98
12) 1,3-Dichlorobenzene	7.85	146	404980	39.456	ng		99
13) 1,4-Dichlorobenzene	7.99	146	400091	39.506	ng		98
14) 1,2-Dichlorobenzene	8.31	146	379899	39.081	ng		99
15) Benzyl Alcohol	8.19	79	302481	36.698	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	511867	35.621	ng		100
17) 2-Methylphenol	8.40	107	293100	37.641	ng		98
18) Hexachloroethane	9.04	117	150678	38.236	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	278204	35.770	ng		98
20) 3+4-Methylphenols	8.73	107	407211	37.487	ng		99
22) Acetophenone	8.78	105	524999	37.700	ng	#	98
24) Nitrobenzene	9.15	77	386500	37.268	ng		99
25) Isophorone	9.68	82	728270	37.072	ng		98
26) 2-Nitrophenol	9.87	139	202073	41.184	ng		99
27) 2,4-Dimethylphenol	9.94	122	275993	37.368	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	479473	36.610	ng		99
29) 2,4-Dichlorophenol	10.41	162	336138	38.154	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	380346	38.504	ng		98
31) Naphthalene	10.81	128	1050695	38.762	ng		100
32) Benzoic acid	10.08	122	205247	35.934	ng		93
33) 4-Chloroaniline	10.91	127	485402	37.544	ng		99
34) Hexachlorobutadiene	11.10	225	227235	37.677	ng		97
35) Caprolactam	11.69	113	126726	38.640	ng		94
36) 4-Chloro-3-methylphenol	12.04	107	359017	38.280	ng		98
37) 2-Methylnaphthalene	12.42	142	772502	37.854	ng		97
38) 1-Methylnaphthalene	12.64	142	735222	38.013	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	391639	37.342	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	202113	37.171	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	280176	38.824	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	289700	38.922	ng	99
46) 1,1'-Biphenyl	13.43	154	993292	38.716	ng	99
47) 2-Chloronaphthalene	13.47	162	792507	38.227	ng	98
48) 2-Nitroaniline	13.66	65	248798	37.308	ng	96
49) Acenaphthylene	14.31	152	1161843	38.991	ng	99
50) Dimethylphthalate	14.05	163	988317	38.899	ng	99
51) 2,6-Dinitrotoluene	14.16	165	223945	38.997	ng	91
52) Acenaphthene	14.65	154	797141	38.147	ng	98
53) 3-Nitroaniline	14.49	138	255552	39.188	ng	97
54) 2,4-Dinitrophenol	14.69	184	96513	36.211	ng	95
55) Dibenzofuran	14.99	168	1124923	39.105	ng	99
56) 4-Nitrophenol	14.80	139	202478	40.518	ng	94
57) 2,4-Dinitrotoluene	14.95	165	313548	40.127	ng	99
58) Fluorene	15.64	166	888537	38.970	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	253951	39.679	ng	96
60) Diethylphthalate	15.41	149	993730	39.104	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	466014	37.641	ng	99
62) 4-Nitroaniline	15.65	138	257537	39.991	ng	94
63) Azobenzene	15.93	77	890646	37.792	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	150129	39.699	ng	98
66) n-Nitrosodiphenylamine	15.85	169	828999	37.546	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	301824	35.793	ng	99
68) Hexachlorobenzene	16.65	284	337018	37.091	ng	98
69) Atrazine	16.80	200	272170	37.922	ng	99
70) Pentachlorophenol	16.99	266	195193	38.970	ng	100
71) Phenanthrene	17.38	178	1406123	39.100	ng	99
72) Anthracene	17.47	178	1387726	39.046	ng	99
73) Carbazole	17.74	167	1306590	39.799	ng	98
74) Di-n-butylphthalate	18.31	149	1644631	39.236	ng	98
75) Fluoranthene	19.39	202	1572691	38.239	ng	99
77) Benzidine	19.57	184	560378	35.371	ng	99
78) Pyrene	19.75	202	1594866	38.765	ng	99
80) Butylbenzylphthalate	20.64	149	777307	39.684	ng	97
81) Benzo(a)anthracene	21.57	228	1508540	38.598	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	587361	38.040	ng	100
83) Chrysene	21.63	228	1467845	39.526	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1065948	39.441	ng	100
85) Di-n-octyl phthalate	22.69	149	1843851	40.581	ng	98
86) Indeno(1,2,3-cd)pyrene	28.28	276	1842252	36.503	ng	99
88) Benzo(b)fluoranthene	23.73	252	1615879	38.230	ng	99
89) Benzo(k)fluoranthene	23.80	252	1531556	38.105	ng	99
90) Benzo(a)pyrene	24.58	252	1500215	37.606	ng	100
91) Dibenzo(a,h)anthracene	28.34	278	1498561	37.404	ng	98
92) Benzo(g,h,i)perylene	29.38	276	1474691	37.056	ng	99

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

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