Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041108.D
Acq On : 7 Jun 2019 19:14
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 08 18:00:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	46861	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	191694	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	134299	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	322779	20.00	ng		0.00
76) Chrysene-d12	21.76	240	315972	20.00	ng		0.00
87) Perylene-d12	25.09	264	340426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	198838	76.51	ng		0.00
7) Phenol-d6	7.25	99	297536	74.13	ng		0.00
23) Nitrobenzene-d5	9.29	82	344182	79.71	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	153390	76.93	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	764598	81.99	ng		0.00
79) Terphenyl-d14	20.08	244	1266604	85.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	38635	32.762	ng		97
3) Pyridine	3.92	79	123816	35.483	ng		98
4) n-Nitrosodimethylamine	3.84	42	63847	39.425	ng		95
6) Aniline	7.43	93	205799	38.416	ng		96
8) 2-Chlorophenol	7.66	128	118127	38.128	ng		99
9) Benzaldehyde	7.25	77	92668	38.706	ng		94
10) Phenol	7.28	94	161735	37.584	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	120116	38.476	ng		96
12) 1,3-Dichlorobenzene	7.99	146	146235	39.519	ng		95
13) 1,4-Dichlorobenzene	8.15	146	145795	38.924	ng		99
14) 1,2-Dichlorobenzene	8.46	146	141441	38.892	ng		96
15) Benzyl Alcohol	8.35	79	137664	37.080	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	188937	37.038	ng		100
17) 2-Methylphenol	8.54	107	115174	36.965	ng		97
18) Hexachloroethane	9.19	117	57785	40.028	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	114500	37.072	ng		93
20) 3+4-Methylphenols	8.87	107	156334	36.222	ng		93
22) Acetophenone	8.94	105	217241	40.399	ng	#	98
24) Nitrobenzene	9.33	77	177452	40.326	ng		98
25) Isophorone	9.84	82	316824	38.554	ng		97
26) 2-Nitrophenol	10.04	139	74303	40.959	ng		95
27) 2,4-Dimethylphenol	10.08	122	116421	38.858	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	175961	39.673	ng		95
29) 2,4-Dichlorophenol	10.57	162	140797	37.006	ng		92
30) 1,2,4-Trichlorobenzene	10.78	180	172455	39.845	ng		97
31) Naphthalene	10.98	128	402343	39.092	ng		99
32) Benzoic acid	10.22	122	76424	35.378	ng		93
33) 4-Chloroaniline	11.09	127	178512	37.381	ng		97
34) Hexachlorobutadiene	11.24	225	134630	40.653	ng		96
35) Caprolactam	11.88	113	43743	34.816	ng		96
36) 4-Chloro-3-methylphenol	12.19	107	158114	36.388	ng		98
37) 2-Methylnaphthalene	12.58	142	303690	38.311	ng		98
38) 1-Methylnaphthalene	12.79	142	286284	38.326	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	221998	41.012	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	127843	47.649 ng	95
43) 2,4,6-Trichlorophenol	13.18	196	140847	40.222 ng	95
44) 2,4,5-Trichlorophenol	13.25	196	141707	38.371 ng	96
46) 1,1'-Biphenyl	13.58	154	395834	39.818 ng	99
47) 2-Chloronaphthalene	13.62	162	345987	40.541 ng	99
48) 2-Nitroaniline	13.83	65	121958	39.834 ng	98
49) Acenaphthylene	14.47	152	504948	39.312 ng	99
50) Dimethylphthalate	14.19	163	437026	38.442 ng	98
51) 2,6-Dinitrotoluene	14.32	165	93500	38.145 ng	97
52) Acenaphthene	14.80	154	300169	38.576 ng	99
53) 3-Nitroaniline	14.65	138	95818	39.093 ng	97
54) 2,4-Dinitrophenol	14.85	184	54917	51.844 ng	98
55) Dibenzofuran	15.13	168	509935	38.947 ng	99
56) 4-Nitrophenol	14.94	139	69975	41.622 ng	98
57) 2,4-Dinitrotoluene	15.10	165	132906	38.385 ng	97
58) Fluorene	15.78	166	397993	38.169 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	137400	37.858 ng	99
60) Diethylphthalate	15.54	149	437862	37.741 ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	255226	37.658 ng	96
62) 4-Nitroaniline	15.81	138	100179	38.606 ng	100
63) Azobenzene	16.06	77	393772	37.343 ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	80256	46.687 ng	93
66) n-Nitrosodiphenylamine	15.98	169	353269	38.933 ng	99
67) 4-Bromophenyl-phenylether	16.67	248	169092	38.818 ng	91
68) Hexachlorobenzene	16.78	284	179730	38.748 ng	98
69) Atrazine	16.92	200	140803	40.216 ng	95
70) Pentachlorophenol	17.12	266	96594	41.061 ng	98
71) Phenanthrene	17.52	178	672205	39.981 ng	98
72) Anthracene	17.62	178	668064	40.288 ng	99
73) Carbazole	17.89	167	578802	40.680 ng	99
74) Di-n-butylphthalate	18.42	149	711185	40.216 ng	100
75) Fluoranthene	19.53	202	855235	41.183 ng	98
77) Benzidine	19.71	184	347773	46.138 ng	99
78) Pyrene	19.89	202	855754	41.662 ng	98
80) Butylbenzylphthalate	20.75	149	330171	41.305 ng	98
81) Benzo(a)anthracene	21.74	228	859575	40.868 ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	318710	43.082 ng	100
83) Chrysene	21.81	228	827843	41.129 ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	451905	40.161 ng	99
85) Di-n-octyl phthalate	22.85	149	763834	40.759 ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	973678	39.490 ng	100
88) Benzo(b)fluoranthene	24.02	252	851529	41.240 ng	99
89) Benzo(k)fluoranthene	24.09	252	805631	39.429 ng	99
90) Benzo(a)pyrene	24.93	252	787305	39.965 ng	99
91) Dibenzo(a,h)anthracene	28.96	278	789087	40.087 ng	100
92) Benzo(g,h,i)perylene	30.10	276	785815	41.091 ng	98

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

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