Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043401.D
Acq On : 30 Oct 2019 15:24
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 31 05:07:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41787	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	174523	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	123875	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	282528	20.00	ng		0.00
76) Chrysene-d12	21.66	240	312240	20.00	ng		0.00
87) Perylene-d12	24.86	264	362197	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	200106	87.75	ng		0.00
7) Phenol-d6	7.21	99	278788	84.97	ng		0.00
23) Nitrobenzene-d5	9.19	82	273791	80.88	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	189394	80.34	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	748397	83.48	ng		0.00
79) Terphenyl-d14	20.00	244	1394741	83.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	37299	41.973	ng		98
3) Pyridine	3.89	79	104085	46.432	ng		96
4) n-Nitrosodimethylamine	3.81	42	49022	43.338	ng	#	87
6) Aniline	7.35	93	163045	43.139	ng		98
8) 2-Chlorophenol	7.59	128	105456	41.893	ng		95
9) Benzaldehyde	7.16	77	72496	44.962	ng		91
10) Phenol	7.24	94	130712	43.598	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	97946	42.255	ng		94
12) 1,3-Dichlorobenzene	7.91	146	133296	42.263	ng		98
13) 1,4-Dichlorobenzene	8.06	146	135618	42.500	ng		98
14) 1,2-Dichlorobenzene	8.38	146	129464	41.552	ng		99
15) Benzyl Alcohol	8.27	79	100253	43.508	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	133745	39.681	ng		97
17) 2-Methylphenol	8.48	107	92559	42.349	ng		95
18) Hexachloroethane	9.10	117	46941	40.773	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	89020	41.989	ng		99
20) 3+4-Methylphenols	8.81	107	127813	42.646	ng		92
22) Acetophenone	8.85	105	183630	41.086	ng	#	97
24) Nitrobenzene	9.23	77	130323	40.413	ng		96
25) Isophorone	9.75	82	245433	39.656	ng		98
26) 2-Nitrophenol	9.94	139	65187	41.870	ng		98
27) 2,4-Dimethylphenol	10.01	122	91649	41.072	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	137303	40.196	ng		95
29) 2,4-Dichlorophenol	10.49	162	120011	41.976	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	146731	40.719	ng		94
31) Naphthalene	10.87	128	361407	40.797	ng		98
32) Benzoic acid	10.18	122	64366	39.704	ng		95
33) 4-Chloroaniline	10.99	127	147369	40.583	ng		98
34) Hexachlorobutadiene	11.16	225	108537	40.746	ng		92
35) Caprolactam	11.77	113	41911	42.563	ng	#	69
36) 4-Chloro-3-methylphenol	12.12	107	127429	40.860	ng		97
37) 2-Methylnaphthalene	12.48	142	270036	39.728	ng		97
38) 1-Methylnaphthalene	12.70	142	261697	40.465	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	191783	41.833	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	97998	40.693	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	115339	42.721	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	115879	42.455	ng		97
46) 1,1'-Biphenyl	13.48	154	397417	42.172	ng		99
47) 2-Chloronaphthalene	13.53	162	302343	42.166	ng		98
48) 2-Nitroaniline	13.73	65	90464	42.213	ng		97
49) Acenaphthylene	14.37	152	464082	41.587	ng		98
50) Dimethylphthalate	14.10	163	390626	40.712	ng		99
51) 2,6-Dinitrotoluene	14.22	165	85845	41.183	ng		97
52) Acenaphthene	14.72	154	280971	41.286	ng		99
53) 3-Nitroaniline	14.56	138	85246	42.358	ng	#	92
54) 2,4-Dinitrophenol	14.76	184	45303	38.918	ng		95
55) Dibenzofuran	15.05	168	460105	41.691	ng		99
56) 4-Nitrophenol	14.89	139	55127	40.875	ng		93
57) 2,4-Dinitrotoluene	15.01	165	122713	41.193	ng	#	97
58) Fluorene	15.70	166	382189	41.290	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	120801	41.657	ng	#	98
60) Diethylphthalate	15.46	149	390323	40.486	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	219068	40.570	ng		98
62) 4-Nitroaniline	15.73	138	92299	44.408	ng		97
63) Azobenzene	15.98	77	314478	40.305	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	69807	41.985	ng		92
66) n-Nitrosodiphenylamine	15.90	169	334557	41.943	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	157656	41.464	ng		98
68) Hexachlorobenzene	16.70	284	180950	41.460	ng		96
69) Atrazine	16.85	200	105832	38.184	ng		96
70) Pentachlorophenol	17.05	266	84338	42.408	ng		98
71) Phenanthrene	17.44	178	601023	41.543	ng		100
72) Anthracene	17.53	178	603068	41.663	ng		99
73) Carbazole	17.80	167	549900	41.951	ng		99
74) Di-n-butylphthalate	18.35	149	663134	41.693	ng		99
75) Fluoranthene	19.45	202	771312	40.894	ng		99
77) Benzidine	19.63	184	265545	42.258	ng		98
78) Pyrene	19.80	202	780899	40.404	ng		99
80) Butylbenzylphthalate	20.69	149	313629	42.832	ng		95
81) Benzo(a)anthracene	21.64	228	825147	42.189	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	330401	43.676	ng		99
83) Chrysene	21.71	228	800948	41.216	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	445838	42.863	ng		99
85) Di-n-octyl phthalate	22.74	149	755129	42.791	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1052580	43.151	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	868748	42.350	ng		99
89) Benzo(k)fluoranthene	23.91	252	894152	43.298	ng		99
90) Benzo(a)pyrene	24.71	252	835392	42.646	ng		97
91) Dibenzo(a,h)anthracene	28.56	278	872622	43.551	ng		99
92) Benzo(g,h,i)perylene	29.63	276	848156	42.914	ng		99

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

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