Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043348.D
Acq On : 25 Oct 2019 20:35
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 25 23:09:30 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	40411	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	171133	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	130023	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	305243	20.00	ng		0.00
76) Chrysene-d12	21.67	240	325228	20.00	ng		0.00
87) Perylene-d12	24.86	264	394332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	167501	75.95	ng		0.00
7) Phenol-d6	7.21	99	240561	75.82	ng		0.00
23) Nitrobenzene-d5	9.19	82	242208	72.97	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	175979	71.12	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	658507	69.98	ng		0.00
79) Terphenyl-d14	20.01	244	1263537	72.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	32016	37.254	ng		97
3) Pyridine	3.89	79	84236	38.857	ng		96
4) n-Nitrosodimethylamine	3.81	42	42526	38.875	ng	#	100
6) Aniline	7.35	93	125040	34.210	ng		97
8) 2-Chlorophenol	7.60	128	90846	37.318	ng		98
9) Benzaldehyde	7.16	77	58095	37.257	ng		91
10) Phenol	7.24	94	109784	37.865	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	83120	37.080	ng		97
12) 1,3-Dichlorobenzene	7.92	146	111801	36.655	ng		100
13) 1,4-Dichlorobenzene	8.06	146	113899	36.909	ng		96
14) 1,2-Dichlorobenzene	8.38	146	109672	36.398	ng		99
15) Benzyl Alcohol	8.28	79	78537	35.245	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	121546	37.290	ng		97
17) 2-Methylphenol	8.49	107	76271	36.085	ng		95
18) Hexachloroethane	9.11	117	40644	36.505	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	76650	37.385	ng		97
20) 3+4-Methylphenols	8.82	107	105273	36.322	ng		88
22) Acetophenone	8.85	105	156012	35.599	ng		99
24) Nitrobenzene	9.23	77	114576	36.234	ng		98
25) Isophorone	9.74	82	211679	34.879	ng		99
26) 2-Nitrophenol	9.94	139	55909	36.622	ng		94
27) 2,4-Dimethylphenol	10.01	122	79289	36.237	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	118952	35.513	ng		98
29) 2,4-Dichlorophenol	10.49	162	101962	36.369	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	124218	35.155	ng		98
31) Naphthalene	10.88	128	308692	35.536	ng		99
32) Benzoic acid	10.17	122	48689	32.697	ng		90
33) 4-Chloroaniline	11.00	127	122966	34.534	ng		96
34) Hexachlorobutadiene	11.17	225	89831	34.391	ng		94
35) Caprolactam	11.76	113	35084	36.336	ng	#	78
36) 4-Chloro-3-methylphenol	12.14	107	114336	37.388	ng		99
37) 2-Methylnaphthalene	12.48	142	239461	35.928	ng		98
38) 1-Methylnaphthalene	12.70	142	223690	35.273	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	168348	34.985	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	68830	27.230	ng		92
43) 2,4,6-Trichlorophenol	13.10	196	100660	35.521	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	104960	36.636	ng		98
46) 1,1'-Biphenyl	13.49	154	345754	34.955	ng		97
47) 2-Chloronaphthalene	13.53	162	264343	35.124	ng		99
48) 2-Nitroaniline	13.74	65	83912	37.304	ng		97
49) Acenaphthylene	14.37	152	419182	35.787	ng		97
50) Dimethylphthalate	14.10	163	350762	34.828	ng		97
51) 2,6-Dinitrotoluene	14.22	165	77831	35.573	ng		92
52) Acenaphthene	14.71	154	249928	34.988	ng		98
53) 3-Nitroaniline	14.56	138	77086	36.492	ng		96
54) 2,4-Dinitrophenol	14.76	184	26969	25.225	ng		86
55) Dibenzofuran	15.05	168	407069	35.141	ng		98
56) 4-Nitrophenol	14.90	139	47742	33.726	ng		98
57) 2,4-Dinitrotoluene	15.01	165	112349	35.931	ng		98
58) Fluorene	15.70	166	344789	35.488	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	110089	36.168	ng	#	99
60) Diethylphthalate	15.47	149	355995	35.180	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	201149	35.490	ng		98
62) 4-Nitroaniline	15.73	138	82360	37.752	ng		99
63) Azobenzene	15.98	77	287699	35.129	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	49772	27.707	ng		98
66) n-Nitrosodiphenylamine	15.91	169	308169	35.760	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	145558	35.434	ng		97
68) Hexachlorobenzene	16.71	284	164605	34.908	ng		95
69) Atrazine	16.85	200	90230	30.132	ng		96
70) Pentachlorophenol	17.05	266	74487	34.668	ng	#	87
71) Phenanthrene	17.44	178	549029	35.125	ng		99
72) Anthracene	17.53	178	559241	35.760	ng		100
73) Carbazole	17.81	167	503408	35.546	ng		99
74) Di-n-butylphthalate	18.35	149	611930	35.611	ng		100
75) Fluoranthene	19.45	202	718008	35.235	ng		100
77) Benzidine	19.64	184	35706	5.455	ng		94
78) Pyrene	19.81	202	719866	35.759	ng		99
80) Butylbenzylphthalate	20.69	149	278275	36.486	ng		100
81) Benzo(a)anthracene	21.65	228	734811	36.070	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	279707	35.498	ng		99
83) Chrysene	21.71	228	714743	35.311	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	392534	36.231	ng		98
85) Di-n-octyl phthalate	22.75	149	665161	36.188	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	926865	36.480	ng		99
88) Benzo(b)fluoranthene	23.85	252	763050	34.166	ng		98
89) Benzo(k)fluoranthene	23.92	252	792870	35.264	ng		99
90) Benzo(a)pyrene	24.71	252	738858	34.644	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	766635	35.143	ng		99
92) Benzo(g,h,i)perylene	29.65	276	749118	34.814	ng		100

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

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