Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
Data File : BG043296.D
Acq On : 21 Oct 2019 13:40
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Quant Time: Oct 21 16:43:24 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 15:08:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38136	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	157552	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	115490	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	268171	20.00	ng		0.00
76) Chrysene-d12	21.67	240	285387	20.00	ng		0.00
87) Perylene-d12	24.87	264	338388	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	417299	195.28	ng		0.00
7) Phenol-d6	7.21	99	608533	197.75	ng		0.00
23) Nitrobenzene-d5	9.20	82	600761	185.34	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	426046	214.53	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1570421	197.13	ng		0.00
79) Terphenyl-d14	20.01	244	2594148	193.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	78034	87.586	ng		97
3) Pyridine	3.89	79	205053	81.829	ng		99
4) n-Nitrosodimethylamine	3.80	42	105801	87.798	ng	#	90
6) Aniline	7.36	93	343494	92.469	ng		99
8) 2-Chlorophenol	7.60	128	230612	103.482	ng		98
10) Phenol	7.24	94	275415	97.550	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	218597	100.068	ng		97
12) 1,3-Dichlorobenzene	7.92	146	289042	101.672	ng		97
13) 1,4-Dichlorobenzene	8.06	146	292907	103.354	ng		98
14) 1,2-Dichlorobenzene	8.39	146	277886	102.992	ng		95
15) Benzyl Alcohol	8.28	79	228420	98.729	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	297167	70.835	ng		96
17) 2-Methylphenol	8.48	107	199972	101.225	ng		97
18) Hexachloroethane	9.11	117	103663	97.124	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	192554	95.294	ng		100
20) 3+4-Methylphenols	8.82	107	279664	103.302	ng		93
22) Acetophenone	8.85	105	398006	98.002	ng	#	98
24) Nitrobenzene	9.24	77	290872	94.077	ng		97
25) Isophorone	9.76	82	547068	96.082	ng		98
26) 2-Nitrophenol	9.94	139	146730	111.480	ng		96
27) 2,4-Dimethylphenol	10.01	122	207038	102.427	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	306379	94.841	ng	#	95
29) 2,4-Dichlorophenol	10.49	162	263887	104.971	ng		88
30) 1,2,4-Trichlorobenzene	10.70	180	321948	99.171	ng		99
31) Naphthalene	10.88	128	778052	100.320	ng		98
32) Benzoic acid	10.23	122	179729	117.808	ng		95
33) 4-Chloroaniline	11.00	127	334063	99.264	ng		99
34) Hexachlorobutadiene	11.17	225	233084	95.889	ng		93
35) Caprolactam	11.81	113	88506	99.835	ng		90
36) 4-Chloro-3-methylphenol	12.13	107	285074	104.295	ng		98
37) 2-Methylnaphthalene	12.49	142	599525	101.329	ng		94
38) 1-Methylnaphthalene	12.71	142	567091	101.293	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	421626	97.097	ng		99
41) Hexachlorocyclopentadiene	12.83	237	247811	89.568	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	251963	99.136	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	255490	97.581	ng		99
46) 1,1'-Biphenyl	13.49	154	855873	97.723	ng		97
47) 2-Chloronaphthalene	13.54	162	650354	99.043	ng		98
48) 2-Nitroaniline	13.74	65	207617	95.079	ng		95
49) Acenaphthylene	14.38	152	995349	99.063	ng		99
50) Dimethylphthalate	14.12	163	861756	99.588	ng		99
51) 2,6-Dinitrotoluene	14.23	165	191340	103.833	ng		97
52) Acenaphthene	14.72	154	624577	92.869	ng		99
53) 3-Nitroaniline	14.57	138	195455	102.633	ng		91
54) 2,4-Dinitrophenol	14.77	184	126440	110.386	ng		93
55) Dibenzofuran	15.06	168	982231	98.730	ng		98
56) 4-Nitrophenol	14.89	139	141119	97.254	ng		98
57) 2,4-Dinitrotoluene	15.03	165	282968	104.859	ng		94
58) Fluorene	15.71	166	826295	97.283	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	253134	90.803	ng	#	99
60) Diethylphthalate	15.48	149	847632	96.251	ng		94
61) 4-Chlorophenyl-phenylether	15.70	204	491026	96.393	ng		97
62) 4-Nitroaniline	15.74	138	202824	97.653	ng		97
63) Azobenzene	15.99	77	695308	86.722	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	167903	110.645	ng		94
66) n-Nitrosodiphenylamine	15.91	169	728895	102.961	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	353917	105.151	ng		97
68) Hexachlorobenzene	16.71	284	404234	107.865	ng		97
70) Pentachlorophenol	17.06	266	194180	89.796	ng		94
71) Phenanthrene	17.45	178	1287742	98.359	ng		97
72) Anthracene	17.54	178	1294592	99.050	ng		96
73) Carbazole	17.81	167	1183729	97.665	ng		99
74) Di-n-butylphthalate	18.36	149	1393406	96.357	ng		98
75) Fluoranthene	19.46	202	1618787	93.481	ng		96
78) Pyrene	19.81	202	1630785	95.739	ng		96
80) Butylbenzylphthalate	20.70	149	659027	101.929	ng		98
81) Benzo(a)anthracene	21.65	228	1699342	95.564	ng		97
82) 3,3'-Dichlorobenzidine	21.57	252	622174	89.208	ng		100
83) Chrysene	21.72	228	1643821	95.259	ng		95
84) Bis(2-ethylhexyl)phthalate	21.55	149	933491	101.466	ng		97
85) Di-n-octyl phthalate	22.76	149	1583213	105.238	ng		98
86) Indeno(1,2,3-cd)pyrene	28.55	276	2245597	104.531	ng		98
88) Benzo(b)fluoranthene	23.86	252	1873519	97.850	ng		97
89) Benzo(k)fluoranthene	23.93	252	1795667	94.800	ng		96
90) Benzo(a)pyrene	24.73	252	1777798	98.415	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1857866	100.298	ng		98
92) Benzo(g,h,i)perylene	29.69	276	1814257	101.085	ng		98

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

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