Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
Data File : BG041778.D
Acq On : 27 Jul 2019 15:45
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
7/29/2019 5:30:16 PM

Quant Time: Jul 29 06:40:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 05:48:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	94406	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	408796	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	293645	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	635915	20.00	ng		0.00
76) Chrysene-d12	21.74	240	624277	20.00	ng		0.00
87) Perylene-d12	25.02	264	738737	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	483036	83.64	ng		0.00
7) Phenol-d6	7.19	99	657963	84.71	ng		0.00
23) Nitrobenzene-d5	9.22	82	597777	88.93	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	328979	99.41	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1597963	84.27	ng		0.00
79) Terphenyl-d14	20.07	244	2392831	89.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	112857	41.147	ng		93
3) Pyridine	3.88	79	309874	42.324	ng		92
4) n-Nitrosodimethylamine	3.79	42	123381	36.492	ng		89
6) Aniline	7.37	93	458160	43.887	ng		95
8) 2-Chlorophenol	7.61	128	278787	42.642	ng		94
9) Benzaldehyde	7.17	77	229689	51.147	ng		94
10) Phenol	7.22	94	341835	41.770	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	275307	41.654	ng		94
12) 1,3-Dichlorobenzene	7.94	146	352829	45.229	ng		97
13) 1,4-Dichlorobenzene	8.08	146	358711	45.916	ng		96
14) 1,2-Dichlorobenzene	8.41	146	339290	46.064	ng		96
15) Benzyl Alcohol	8.28	79	257964	41.715	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	488599	35.676	ng		94
17) 2-Methylphenol	8.49	107	247036	43.649	ng		99
18) Hexachloroethane	9.15	117	122116	42.677	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	234901	41.375	ng		93
20) 3+4-Methylphenols	8.82	107	339993	43.838	ng		98
22) Acetophenone	8.87	105	442818	44.475	ng	#	93
24) Nitrobenzene	9.26	77	309999	42.276	ng		99
25) Isophorone	9.79	82	627855	42.655	ng		98
26) 2-Nitrophenol	9.97	139	147315	46.440	ng		96
27) 2,4-Dimethylphenol	10.03	122	256099	43.974	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	393922	43.422	ng		98
29) 2,4-Dichlorophenol	10.51	162	313537	47.220	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	385427	49.437	ng		98
31) Naphthalene	10.92	128	909062	45.169	ng		98
32) Benzoic acid	10.18	122	172890m	42.269	ng		
33) 4-Chloroaniline	11.02	127	434756	46.832	ng		98
34) Hexachlorobutadiene	11.21	225	261056	52.097	ng		98
35) Caprolactam	11.80	113	108092	44.289	ng	#	85
36) 4-Chloro-3-methylphenol	12.15	107	304430	43.765	ng		96
37) 2-Methylnaphthalene	12.53	142	721193	46.903	ng		100
38) 1-Methylnaphthalene	12.75	142	676102	46.122	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	452285	44.966	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	260701	45.819	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	296226	45.325	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	301051	43.720	ng		95
46) 1,1'-Biphenyl	13.53	154	908311	41.288	ng		98
47) 2-Chloronaphthalene	13.58	162	775516	42.298	ng		98
48) 2-Nitroaniline	13.77	65	205751	38.543	ng		93
49) Acenaphthylene	14.43	152	1153414	40.298	ng		98
50) Dimethylphthalate	14.16	163	971564	42.127	ng		99
51) 2,6-Dinitrotoluene	14.27	165	210304	42.991	ng		91
52) Acenaphthene	14.77	154	755066	41.861	ng		99
53) 3-Nitroaniline	14.60	138	225073	42.148	ng		91
54) 2,4-Dinitrophenol	14.80	184	105251	49.780	ng		96
55) Dibenzofuran	15.10	168	1143782	42.258	ng		97
56) 4-Nitrophenol	14.90	139	170594	39.458	ng		97
57) 2,4-Dinitrotoluene	15.06	165	291249	45.040	ng		94
58) Fluorene	15.76	166	917564	41.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	298038	46.883	ng	#	93
60) Diethylphthalate	15.52	149	952149	40.981	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	561905	45.135	ng		97
62) 4-Nitroaniline	15.76	138	238149	42.050	ng		97
63) Azobenzene	16.04	77	767463	36.537	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	148963	53.183	ng		88
66) n-Nitrosodiphenylamine	15.96	169	840124	44.988	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	383237	50.649	ng		96
68) Hexachlorobenzene	16.77	284	402562	52.834	ng		93
69) Atrazine	16.91	200	339387	50.080	ng		99
70) Pentachlorophenol	17.10	266	241687	50.730	ng		99
71) Phenanthrene	17.49	178	1476746	46.113	ng		97
72) Anthracene	17.59	178	1481926	46.423	ng		97
73) Carbazole	17.85	167	1330554	44.943	ng		97
74) Di-n-butylphthalate	18.42	149	1551082	42.956	ng		98
75) Fluoranthene	19.50	202	1794221	45.627	ng		95
77) Benzidine	19.68	184	1008139	47.942	ng		99
78) Pyrene	19.87	202	1802743	42.697	ng		96
80) Butylbenzylphthalate	20.76	149	727467	41.463	ng		92
81) Benzo(a)anthracene	21.72	228	1796201	44.532	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	735728	46.353	ng		98
83) Chrysene	21.79	228	1717782	44.570	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	985107	39.767	ng		99
85) Di-n-octyl phthalate	22.88	149	1666072	39.493	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2298167	45.191	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	1969454	43.951	ng	#	96
89) Benzo(k)fluoranthene	24.05	252	1920505	46.253	ng	#	97
90) Benzo(a)pyrene	24.86	252	1888226	44.538	ng	#	96
91) Dibenzo(a,h)anthracene	28.84	278	1859870	45.245	ng		96
92) Benzo(g,h,i)perylene	29.93	276	1853102	44.984	ng		96

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

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