Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041833.D
Acq On : 31 Jul 2019 14:53
Operator : HP/JU
Sample : K4044-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:32 PM

Quant Time: Jul 31 16:26:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	68655	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	295217	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	253917	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	656618	20.00	ng		0.00
76) Chrysene-d12	21.74	240	675189	20.00	ng		0.00
87) Perylene-d12	25.01	264	792369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	480478	136.16	ng		0.00
7) Phenol-d6	7.20	99	682498	143.46	ng		0.00
23) Nitrobenzene-d5	9.20	82	395237	92.13	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	467299	162.02	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1114761	77.43	ng		0.00
79) Terphenyl-d14	20.06	244	2208150	74.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	43298	26.070	ng		93
3) Pyridine	3.86	79	105422	23.147	ng		91
4) n-Nitrosodimethylamine	3.77	42	62682	34.718	ng		97
6) Aniline	7.36	93	137344	20.503	ng		94
8) 2-Chlorophenol	7.60	128	165484	40.955	ng		94
9) Benzaldehyde	7.17	77	91620	27.370	ng		95
10) Phenol	7.22	94	209419	42.314	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	142392	34.997	ng		95
12) 1,3-Dichlorobenzene	7.93	146	176592	33.485	ng		97
13) 1,4-Dichlorobenzene	8.08	146	176911	33.526	ng		98
14) 1,2-Dichlorobenzene	8.40	146	171452	34.050	ng		96
15) Benzyl Alcohol	8.28	79	150938	40.329	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	233555	32.265	ng		97
17) 2-Methylphenol	8.48	107	145811	40.510	ng		98
18) Hexachloroethane	9.14	117	60385	33.416	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	125200	36.250	ng		94
20) 3+4-Methylphenols	8.81	107	208390	42.308	ng		100
22) Acetophenone	8.86	105	245444	37.170	ng	#	92
24) Nitrobenzene	9.25	77	179378	39.690	ng		99
25) Isophorone	9.77	82	361318	38.718	ng		99
26) 2-Nitrophenol	9.97	139	104489	49.815	ng		93
27) 2,4-Dimethylphenol	10.03	122	169796	45.866	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	210724	36.134	ng		100
29) 2,4-Dichlorophenol	10.51	162	209079	46.377	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	202929	35.497	ng		97
31) Naphthalene	10.91	128	516376	38.218	ng		98
32) Benzoic acid	10.10	122	11600m	12.317	ng		
33) 4-Chloroaniline	11.01	127	127628	19.919	ng		96
34) Hexachlorobutadiene	11.21	225	126762	32.854	ng		98
35) Caprolactam	11.78	113	89230m	56.953	ng		
36) 4-Chloro-3-methylphenol	12.14	107	224566	50.244	ng		94
37) 2-Methylnaphthalene	12.52	142	427840	40.005	ng		100
38) 1-Methylnaphthalene	12.75	142	412595	40.710	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	273462	34.023	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	289372	64.036 ng		98
43) 2,4,6-Trichlorophenol	13.13	196	214957	42.314 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	241909	45.824 ng		95
46) 1,1'-Biphenyl	13.54	154	578509	35.442 ng		96
47) 2-Chloronaphthalene	13.58	162	480486	34.575 ng		97
48) 2-Nitroaniline	13.77	65	154316	43.783 ng		89
49) Acenaphthylene	14.42	152	815288	39.220 ng		97
50) Dimethylphthalate	14.15	163	912348	52.611 ng		99
51) 2,6-Dinitrotoluene	14.26	165	170434	47.002 ng		88
52) Acenaphthene	14.76	154	518018	38.315 ng		98
53) 3-Nitroaniline	14.59	138	107271	27.652 ng	#	90
54) 2,4-Dinitrophenol	14.80	184	95563	50.735 ng		89
55) Dibenzofuran	15.10	168	824547	39.872 ng		95
56) 4-Nitrophenol	14.90	139	343852	116.771 ng		93
57) 2,4-Dinitrotoluene	15.05	165	252072	50.549 ng		94
58) Fluorene	15.75	166	684863	41.268 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	257915	49.328 ng		94
60) Diethylphthalate	15.52	149	731721	42.979 ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	399501	39.432 ng		94
62) 4-Nitroaniline	15.76	138	195559	46.541 ng		98
63) Azobenzene	16.04	77	567195	40.783 ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	132882	42.298 ng		83
66) n-Nitrosodiphenylamine	15.96	169	670245	37.473 ng		97
67) 4-Bromophenyl-phenylether	16.64	248	287541	35.550 ng		96
68) Hexachlorobenzene	16.76	284	296620	35.054 ng		92
69) Atrazine	16.90	200	278363	39.611 ng		99
70) Pentachlorophenol	17.10	266	369537	76.875 ng		98
71) Phenanthrene	17.50	178	1211350	38.488 ng		96
72) Anthracene	17.58	178	1247792	39.751 ng		96
73) Carbazole	17.85	167	1154311	40.971 ng		96
74) Di-n-butylphthalate	18.42	149	1263015	39.543 ng		96
75) Fluoranthene	19.50	202	1529385	39.977 ng		93
77) Benzidine	19.67	184	309049	14.023 ng		97
78) Pyrene	19.86	202	1529678	38.238 ng		93
80) Butylbenzylphthalate	20.75	149	603288	39.334 ng		92
81) Benzo(a)anthracene	21.71	228	1504485	37.662 ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	390425	24.343 ng	#	97
83) Chrysene	21.78	228	1462366	38.190 ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	841418	39.770 ng		98
85) Di-n-octyl phthalate	22.87	149	1462687	41.080 ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1956620	38.599 ng	#	95
88) Benzo(b)fluoranthene	23.97	252	1669575	38.517 ng	#	96
89) Benzo(k)fluoranthene	24.04	252	1616556	38.286 ng	#	96
90) Benzo(a)pyrene	24.86	252	1648079	39.644 ng	#	97
91) Dibenzo(a,h)anthracene	28.82	278	1594392	39.059 ng	#	96
92) Benzo(g,h,i)perylene	29.92	276	1618119	39.677 ng	#	96

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

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