Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041663.D
Acq On : 16 Jul 2019 11:41
Operator : HP/JU
Sample : K3778-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMS

Manual Integrations APPROVED
mohammad
7/17/2019 12:04:53 PM

Quant Time: Jul 17 02:10:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107456	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	437976	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	271856	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	646397	20.00	ng		0.00
76) Chrysene-d12	21.66	240	609149	20.00	ng		0.00
87) Perylene-d12	24.86	264	710845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	840456	127.86	ng		0.00
7) Phenol-d6	7.21	99	1153166	130.43	ng		0.00
23) Nitrobenzene-d5	9.21	82	686419	95.31	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	424380	138.52	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1443991	82.25	ng		0.00
79) Terphenyl-d14	20.01	244	2183645	83.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	91583	29.336	ng		97
3) Pyridine	3.89	79	230139	27.616	ng		99
4) n-Nitrosodimethylamine	3.80	42	142675	37.073	ng		99
6) Aniline	7.37	93	254834	21.446	ng		95
8) 2-Chlorophenol	7.61	128	310948	41.785	ng		99
9) Benzaldehyde	7.18	77	167945	28.639	ng		96
10) Phenol	7.23	94	392279	42.113	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	299489	39.809	ng		98
12) 1,3-Dichlorobenzene	7.94	146	333759	37.589	ng		99
13) 1,4-Dichlorobenzene	8.08	146	340212	38.260	ng		98
14) 1,2-Dichlorobenzene	8.41	146	321358	38.331	ng		97
15) Benzyl Alcohol	8.28	79	285600	40.575	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	603916	38.741	ng		99
17) 2-Methylphenol	8.48	107	273741	42.494	ng		98
18) Hexachloroethane	9.14	117	122552	37.628	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	253510	39.230	ng		97
20) 3+4-Methylphenols	8.81	107	372214	42.164	ng		100
22) Acetophenone	8.87	105	453313	42.496	ng	#	97
24) Nitrobenzene	9.25	77	340274	43.313	ng		98
25) Isophorone	9.78	82	650463	41.247	ng		98
26) 2-Nitrophenol	9.96	139	165346	46.084	ng		99
27) 2,4-Dimethylphenol	10.02	122	292166	46.825	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	399985	41.153	ng		98
29) 2,4-Dichlorophenol	10.50	162	320350	45.031	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	344082	41.193	ng		97
31) Naphthalene	10.91	128	914689	42.421	ng		98
32) Benzoic acid	10.09	122	41987	13.766	ng		96
33) 4-Chloroaniline	11.00	127	140550	14.131	ng		99
34) Hexachlorobutadiene	11.20	225	216730	40.370	ng		98
35) Caprolactam	11.77	113	116129m	44.412	ng		
36) 4-Chloro-3-methylphenol	12.12	107	323810	43.449	ng		98
37) 2-Methylnaphthalene	12.51	142	696610	42.286	ng		99
38) 1-Methylnaphthalene	12.72	142	657773	41.882	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	395452	42.467	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	497834	94.508	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	274424	45.355	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	293865	46.097	ng		96
46) 1,1'-Biphenyl	13.51	154	868151	42.625	ng		98
47) 2-Chloronaphthalene	13.55	162	696963	41.060	ng		98
48) 2-Nitroaniline	13.74	65	220579	44.632	ng		100
49) Acenaphthylene	14.39	152	1114073	42.043	ng		99
50) Dimethylphthalate	14.12	163	1122468	52.571	ng		100
51) 2,6-Dinitrotoluene	14.23	165	209500	46.259	ng		97
52) Acenaphthene	14.73	154	712459	42.665	ng		99
53) 3-Nitroaniline	14.56	138	123289	24.938	ng	#	94
54) 2,4-Dinitrophenol	14.76	184	123217	56.362	ng	#	88
55) Dibenzofuran	15.07	168	1058036	42.223	ng		96
56) 4-Nitrophenol	14.86	139	383206	95.739	ng		98
57) 2,4-Dinitrotoluene	15.02	165	281390	47.003	ng		97
58) Fluorene	15.72	166	851592	41.766	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	278038	47.242	ng		98
60) Diethylphthalate	15.49	149	890747	41.411	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	481099	41.742	ng		97
62) 4-Nitroaniline	15.72	138	230938	44.045	ng		99
63) Azobenzene	16.00	77	812266	41.769	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	141797	46.459	ng		99
66) n-Nitrosodiphenylamine	15.92	169	799652	42.126	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	322785	41.968	ng		98
68) Hexachlorobenzene	16.71	284	317643	41.012	ng		99
69) Atrazine	16.86	200	311534	45.224	ng		98
70) Pentachlorophenol	17.06	266	433906	89.600	ng		99
71) Phenanthrene	17.45	178	1360731	41.801	ng		98
72) Anthracene	17.54	178	1402520	43.223	ng		98
73) Carbazole	17.80	167	1301560	43.250	ng		97
74) Di-n-butylphthalate	18.37	149	1480695	40.341	ng		97
75) Fluoranthene	19.45	202	1672498	41.842	ng		96
77) Benzidine	19.62	184	635444	27.235	ng		98
78) Pyrene	19.81	202	1681241	40.808	ng		95
80) Butylbenzylphthalate	20.70	149	714104	41.712	ng		95
81) Benzo(a)anthracene	21.64	228	1613845	41.005	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	326650	21.091	ng		98
83) Chrysene	21.70	228	1563892	41.584	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	1002313	41.466	ng		97
85) Di-n-octyl phthalate	22.78	149	1733775	42.119	ng		98
86) Indeno(1,2,3-cd)pyrene	28.51	276	2073834	41.792	ng	#	93
88) Benzo(b)fluoranthene	23.85	252	1756211	40.730	ng		98
89) Benzo(k)fluoranthene	23.92	252	1725732	43.193	ng		98
90) Benzo(a)pyrene	24.71	252	1762810	43.211	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	1689259	42.707	ng		99
92) Benzo(g,h,i)perylene	29.65	276	1705336	43.022	ng		99

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

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