Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042508.D
Acq On : 27 Aug 2019 17:34
Operator : HP/JU
Sample : K4086-08MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-082619MS

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:15 AM

Quant Time: Aug 28 05:15:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32116	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	121863	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	94067	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	251600	20.00	ng		0.00
76) Chrysene-d12	21.69	240	314939	20.00	ng		0.00
87) Perylene-d12	24.93	264	382380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	225164	141.99	ng		0.00
7) Phenol-d6	7.17	99	285435	133.26	ng		0.00
23) Nitrobenzene-d5	9.16	82	189855	107.66	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	227886	170.44	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	586359	105.42	ng		0.00
79) Terphenyl-d14	20.03	244	1528636	104.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	26150	39.516	ng	#	56
3) Pyridine	3.83	79	58411	34.422	ng		99
4) n-Nitrosodimethylamine	3.74	42	24856	41.011	ng		96
6) Aniline	7.32	93	74747	26.163	ng		98
8) 2-Chlorophenol	7.56	128	96876	50.409	ng		98
9) Benzaldehyde	7.13	77	57057	53.207	ng		92
10) Phenol	7.19	94	96057	44.106	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	82533	48.254	ng		99
12) 1,3-Dichlorobenzene	7.89	146	107860	44.118	ng		99
13) 1,4-Dichlorobenzene	8.03	146	109717	44.305	ng		97
14) 1,2-Dichlorobenzene	8.36	146	105103	44.319	ng		99
15) Benzyl Alcohol	8.24	79	73819	47.902	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	103473	44.634	ng		98
17) 2-Methylphenol	8.45	107	77353	48.222	ng		95
18) Hexachloroethane	9.09	117	36382	42.915	ng		98
19) n-Nitroso-di-n-propylamine	8.80	70	64081	46.178	ng		96
20) 3+4-Methylphenols	8.78	107	106039	47.772	ng		99
22) Acetophenone	8.82	105	140084	53.745	ng	#	99
24) Nitrobenzene	9.21	77	92460	51.776	ng		99
25) Isophorone	9.73	82	180811	51.953	ng		98
26) 2-Nitrophenol	9.93	139	58946	52.674	ng		96
27) 2,4-Dimethylphenol	9.99	122	93022	60.344	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	113562	51.771	ng		98
29) 2,4-Dichlorophenol	10.47	162	112479	55.769	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	122675	49.554	ng		97
31) Naphthalene	10.87	128	296093	52.334	ng		99
32) Benzoic acid	10.11	122	12505m	17.444	ng		
33) 4-Chloroaniline	10.99	127	26145	10.010	ng		96
34) Hexachlorobutadiene	11.16	225	79607	47.848	ng		99
35) Caprolactam	11.79	113	31696m	47.098	ng		
36) 4-Chloro-3-methylphenol	12.11	107	107443	56.118	ng		99
37) 2-Methylnaphthalene	12.48	142	239707	52.765	ng		97
38) 1-Methylnaphthalene	12.70	142	226814	52.562	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	153861	50.933	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	176159	111.015	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	104846	51.348	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	116974	55.282	ng		98
46) 1,1'-Biphenyl	13.49	154	319281	52.508	ng		99
47) 2-Chloronaphthalene	13.53	162	260583	49.701	ng		99
48) 2-Nitroaniline	13.73	65	63723	50.401	ng		97
49) Acenaphthylene	14.38	152	422828	53.604	ng		99
50) Dimethylphthalate	14.11	163	352615	51.952	ng		100
51) 2,6-Dinitrotoluene	14.23	165	86070	54.709	ng		96
52) Acenaphthene	14.72	154	249453	52.081	ng		99
53) 3-Nitroaniline	14.56	138	39189	24.907	ng		95
54) 2,4-Dinitrophenol	14.77	184	89261	83.842	ng		97
55) Dibenzofuran	15.06	168	428555	54.053	ng		99
56) 4-Nitrophenol	14.89	139	134261	120.089	ng		98
57) 2,4-Dinitrotoluene	15.02	165	130913	58.110	ng		98
58) Fluorene	15.71	166	353178	54.494	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	124715m	59.600	ng		
60) Diethylphthalate	15.47	149	360059	54.267	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	203728	52.147	ng		99
62) 4-Nitroaniline	15.73	138	101012	59.986	ng		97
63) Azobenzene	15.99	77	248071	54.564	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	87071	55.198	ng		99
66) n-Nitrosodiphenylamine	15.91	169	340255	49.176	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	146629	45.945	ng		99
68) Hexachlorobenzene	16.72	284	159026	45.838	ng		98
69) Atrazine	16.87	200	147530	60.294	ng		98
70) Pentachlorophenol	17.07	266	174364	96.730	ng		98
71) Phenanthrene	17.45	178	669004	53.531	ng		99
72) Anthracene	17.55	178	689974	55.304	ng		99
73) Carbazole	17.82	167	690880	62.134	ng		99
74) Di-n-butylphthalate	18.37	149	787642	59.924	ng		99
75) Fluoranthene	19.47	202	998767	65.484	ng		98
77) Benzidine	19.64	184	496610	54.999	ng		99
78) Pyrene	19.83	202	1017917	52.718	ng		99
80) Butylbenzylphthalate	20.71	149	394875	51.994	ng		99
81) Benzo(a)anthracene	21.67	228	1005641	52.491	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	196724	25.531	ng		99
83) Chrysene	21.74	228	988908	53.522	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	560531	53.158	ng		99
85) Di-n-octyl phthalate	22.79	149	959994	52.933	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1322005	52.650	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	1110572	52.829	ng		100
89) Benzo(k)fluoranthene	23.97	252	1099808	54.429	ng		100
90) Benzo(a)pyrene	24.78	252	1108289	55.559	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	1090162	53.975	ng		98
92) Benzo(g,h,i)perylene	29.80	276	1105993	54.751	ng		99

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

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