Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042602.D
Acq On : 30 Aug 2019 16:04
Operator : HP/JU
Sample : K4471-16MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S704-N-2.0-2.5-082119MSD

Manual Integrations APPROVED
mohammad
8/31/2019 2:42:46 PM

Quant Time: Aug 30 16:41:53 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	36616	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	138975	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	102647	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	239964	20.00	ng		0.00
76) Chrysene-d12	21.69	240	254995	20.00	ng		0.00
87) Perylene-d12	24.93	264	307012	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	269099	148.84	ng		0.00
7) Phenol-d6	7.16	99	357137	146.24	ng		0.00
23) Nitrobenzene-d5	9.17	82	197493	98.20	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	220694	151.27	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	543075	89.48	ng		0.00
79) Terphenyl-d14	20.02	244	976016	82.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	27519	36.474	ng		96
3) Pyridine	3.82	79	65221	33.712	ng		93
4) n-Nitrosodimethylamine	3.73	42	33071	47.860	ng		86
6) Aniline	7.32	93	106396	32.664	ng		98
8) 2-Chlorophenol	7.56	128	111875	51.059	ng		98
9) Benzaldehyde	7.12	77	62194	50.869	ng		95
10) Phenol	7.19	94	133485	53.759	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	88831	45.553	ng		98
12) 1,3-Dichlorobenzene	7.89	146	126774	45.482	ng		98
13) 1,4-Dichlorobenzene	8.03	146	129387	45.827	ng		97
14) 1,2-Dichlorobenzene	8.35	146	123152	45.548	ng		98
15) Benzyl Alcohol	8.24	79	85342	48.573	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	109035	41.253	ng		99
17) 2-Methylphenol	8.45	107	89062	48.698	ng		96
18) Hexachloroethane	9.09	117	42304	43.768	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	68723	43.437	ng	#	95
20) 3+4-Methylphenols	8.78	107	119249	47.121	ng		99
22) Acetophenone	8.82	105	156209	52.553	ng		97
24) Nitrobenzene	9.21	77	103034	50.593	ng		99
25) Isophorone	9.73	82	191489	48.247	ng		100
26) 2-Nitrophenol	9.93	139	68950	54.027	ng		97
27) 2,4-Dimethylphenol	9.99	122	104560	59.477	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	119604	47.812	ng		98
29) 2,4-Dichlorophenol	10.47	162	127084	55.252	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	144594	51.216	ng		97
31) Naphthalene	10.87	128	328374	50.893	ng		98
32) Benzoic acid	10.11	122	9665m	14.455	ng		
33) 4-Chloroaniline	10.98	127	79523	26.699	ng		97
34) Hexachlorobutadiene	11.16	225	96461	50.839	ng		98
35) Caprolactam	11.76	113	35683m	46.493	ng		
36) 4-Chloro-3-methylphenol	12.11	107	113392	51.933	ng		96
37) 2-Methylnaphthalene	12.48	142	262748	50.715	ng		98
38) 1-Methylnaphthalene	12.70	142	246530	50.096	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	180646	54.802	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	167506	96.738	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	116925	52.477	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	123469	53.474	ng		97
46) 1,1'-Biphenyl	13.49	154	343915	51.832	ng		99
47) 2-Chloronaphthalene	13.53	162	285713	49.939	ng		99
48) 2-Nitroaniline	13.73	65	64890	47.034	ng		96
49) Acenaphthylene	14.38	152	443831	51.564	ng		99
50) Dimethylphthalate	14.11	163	418286	56.477	ng		100
51) 2,6-Dinitrotoluene	14.23	165	88095	51.316	ng		96
52) Acenaphthene	14.72	154	257336	49.236	ng		100
53) 3-Nitroaniline	14.56	138	55058	32.068	ng		96
54) 2,4-Dinitrophenol	14.78	184	48712	45.060	ng		95
55) Dibenzofuran	15.06	168	445436	51.487	ng		99
56) 4-Nitrophenol	14.89	139	127100	104.181	ng		93
57) 2,4-Dinitrotoluene	15.03	165	126545	51.476	ng		98
58) Fluorene	15.71	166	358203	50.650	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	128365	56.217	ng		95
60) Diethylphthalate	15.47	149	348352	48.114	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	214697	50.361	ng		97
62) 4-Nitroaniline	15.73	138	86519	47.085	ng		93
63) Azobenzene	15.99	77	234214	47.210	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	72680	48.309	ng		97
66) n-Nitrosodiphenylamine	15.91	169	334494	50.687	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	151475	49.765	ng		99
68) Hexachlorobenzene	16.72	284	161691	48.867	ng		100
69) Atrazine	16.87	200	129443	55.467	ng		97
70) Pentachlorophenol	17.07	266	189079	109.980	ng		98
71) Phenanthrene	17.45	178	612248	51.366	ng		99
72) Anthracene	17.55	178	623278	52.380	ng		98
73) Carbazole	17.81	167	556470	52.472	ng		98
74) Di-n-butylphthalate	18.37	149	619955	49.454	ng		100
75) Fluoranthene	19.47	202	794107	54.590	ng		97
77) Benzidine	19.64	184	441925	60.448	ng		99
78) Pyrene	19.83	202	796831	50.969	ng		99
80) Butylbenzylphthalate	20.71	149	288405	46.902	ng		97
81) Benzo(a)anthracene	21.67	228	780248	50.300	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	261417	41.903	ng		99
83) Chrysene	21.74	228	755838	50.525	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	415595	48.678	ng		99
85) Di-n-octyl phthalate	22.78	149	725877	49.433	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1015703	49.961	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	870933m	51.601	ng		
89) Benzo(k)fluoranthene	23.97	252	844219	52.036	ng	#	98
90) Benzo(a)pyrene	24.78	252	853349	53.280	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	841962	51.920	ng		97
92) Benzo(g,h,i)perylene	29.81	276	843552	52.010	ng		97

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

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