Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042691.D
Acq On : 3 Sep 2019 16:34
Operator : HP/JU
Sample : K4554-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-13-(13-15)MSD

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:31 AM

Quant Time: Sep 04 04:45:30 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	34326	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	131579	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	103421	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	244340	20.00	ng		0.00
76) Chrysene-d12	21.69	240	257825	20.00	ng		0.00
87) Perylene-d12	24.93	264	312081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	221378	130.62	ng		0.00
7) Phenol-d6	7.17	99	298423	130.35	ng		0.00
23) Nitrobenzene-d5	9.17	82	171598	90.12	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	216006	146.95	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	574074	93.88	ng		0.00
79) Terphenyl-d14	20.02	244	1068578	89.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	21199	29.972	ng		100
3) Pyridine	3.82	79	51352	28.314	ng		96
4) n-Nitrosodimethylamine	3.74	42	26774	41.332	ng	#	86
6) Aniline	7.31	93	74680	24.457	ng		97
8) 2-Chlorophenol	7.56	128	90446	44.033	ng		98
9) Benzaldehyde	7.13	77	47014	41.019	ng		97
10) Phenol	7.19	94	122322	52.550	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	68144	37.276	ng		96
12) 1,3-Dichlorobenzene	7.88	146	102496	39.225	ng		99
13) 1,4-Dichlorobenzene	8.03	146	105709	39.938	ng		98
14) 1,2-Dichlorobenzene	8.35	146	101082	39.879	ng		99
15) Benzyl Alcohol	8.24	79	67548	41.011	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	86157	34.772	ng		99
17) 2-Methylphenol	8.45	107	73231	42.713	ng		95
18) Hexachloroethane	9.09	117	35528	39.209	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	54694	36.876	ng		95
20) 3+4-Methylphenols	8.78	107	98140	41.367	ng		98
22) Acetophenone	8.82	105	126019	44.779	ng	#	97
24) Nitrobenzene	9.21	77	83062	43.079	ng		96
25) Isophorone	9.74	82	155655	41.423	ng		99
26) 2-Nitrophenol	9.92	139	55876	46.243	ng	#	92
27) 2,4-Dimethylphenol	9.99	122	86480	51.957	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	96857	40.895	ng		98
29) 2,4-Dichlorophenol	10.47	162	108570	49.856	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	122296	45.753	ng		99
31) Naphthalene	10.87	128	280133	45.857	ng		99
32) Benzoic acid	10.16	122	32297	30.356	ng		96
33) 4-Chloroaniline	10.98	127	51644	18.313	ng		97
34) Hexachlorobutadiene	11.16	225	83326	46.385	ng		98
35) Caprolactam	11.76	113	31875m	43.866	ng		
36) 4-Chloro-3-methylphenol	12.12	107	100250	48.494	ng		96
37) 2-Methylnaphthalene	12.48	142	233122	47.526	ng		98
38) 1-Methylnaphthalene	12.70	142	217336	46.646	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	162315	48.872	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125421	71.891	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	103640	46.166	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	112446	48.335	ng		97
46) 1,1'-Biphenyl	13.49	154	308790	46.190	ng		96
47) 2-Chloronaphthalene	13.53	162	259817	45.072	ng		98
48) 2-Nitroaniline	13.74	65	56458	40.616	ng		95
49) Acenaphthylene	14.38	152	408047	47.051	ng		99
50) Dimethylphthalate	14.11	163	363843	48.758	ng		99
51) 2,6-Dinitrotoluene	14.23	165	80202	46.368	ng		95
52) Acenaphthene	14.72	154	237584	45.116	ng		99
53) 3-Nitroaniline	14.57	138	44556	25.757	ng		96
54) 2,4-Dinitrophenol	14.78	184	77585	67.595	ng		98
55) Dibenzofuran	15.06	168	418603	48.023	ng		99
56) 4-Nitrophenol	14.89	139	109927	89.431	ng		93
57) 2,4-Dinitrotoluene	15.02	165	113114	45.668	ng		98
58) Fluorene	15.71	166	336487	47.223	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	113262	49.231	ng		95
60) Diethylphthalate	15.47	149	322602	44.224	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	202624	47.173	ng		99
62) 4-Nitroaniline	15.73	138	77735	41.988	ng		94
63) Azobenzene	15.99	77	215679	43.149	ng		94
65) 4,6-Dinitro-2-methylphenol	15.80	198	69036	45.065	ng		93
66) n-Nitrosodiphenylamine	15.91	169	314410	46.790	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	144383	46.586	ng		98
68) Hexachlorobenzene	16.72	284	153319	45.506	ng		99
69) Atrazine	16.86	200	118945	50.056	ng		98
70) Pentachlorophenol	17.07	266	161248	92.112	ng		97
71) Phenanthrene	17.46	178	575125	47.387	ng		99
72) Anthracene	17.54	178	581952	48.031	ng		99
73) Carbazole	17.81	167	506458	46.901	ng		98
74) Di-n-butylphthalate	18.37	149	575609	45.094	ng		100
75) Fluoranthene	19.47	202	741953	50.091	ng		97
77) Benzidine	19.64	184	297693	40.273	ng		99
78) Pyrene	19.82	202	746536	47.228	ng		98
80) Butylbenzylphthalate	20.71	149	268685	43.216	ng		96
81) Benzo(a)anthracene	21.67	228	740821	47.234	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	193652	30.700	ng		99
83) Chrysene	21.74	228	714187	47.216	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	382863	44.352	ng		99
85) Di-n-octyl phthalate	22.79	149	667204	44.939	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	936426	45.556	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	808336	47.114	ng		98
89) Benzo(k)fluoranthene	23.97	252	801832	48.621	ng	#	98
90) Benzo(a)pyrene	24.78	252	803884	49.377	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	777888	47.190	ng		97
92) Benzo(g,h,i)perylene	29.81	276	773559	46.920	ng		99

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

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