Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
Data File : BG042760.D
Acq On : 6 Sep 2019 23:04
Operator : HP/JU
Sample : K4696-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-SB09-COMPMSD

Manual Integrations APPROVED
mohammad
9/10/2019 10:00:01 AM

Quant Time: Sep 07 02:08:05 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	7.99	152	34588	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	142278	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	115095	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	266904	20.00	ng		0.00
76) Chrysene-d12	21.69	240	219341	20.00	ng		0.00
87) Perylene-d12	24.94	264	268094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	199100	116.58	ng		0.00
7) Phenol-d6	7.17	99	275751	119.54	ng		0.00
23) Nitrobenzene-d5	9.17	82	151303	73.49	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	203866	124.62	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	532405	78.24	ng		0.00
79) Terphenyl-d14	20.02	244	816915	80.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	17856	25.054	ng	#	96
3) Pyridine	3.82	79	44625	24.418	ng		97
4) n-Nitrosodimethylamine	3.73	42	23424	35.886	ng	#	88
6) Aniline	7.31	93	86518	28.119	ng		99
8) 2-Chlorophenol	7.56	128	83482	40.335	ng		97
9) Benzaldehyde	7.12	77	39954	34.595	ng		98
10) Phenol	7.19	94	98245	41.887	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	61746	33.520	ng		94
12) 1,3-Dichlorobenzene	7.88	146	91500	34.752	ng		98
13) 1,4-Dichlorobenzene	8.03	146	94340	35.373	ng		97
14) 1,2-Dichlorobenzene	8.35	146	90213	35.321	ng		96
15) Benzyl Alcohol	8.24	79	64222	38.696	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76942	30.818	ng		98
17) 2-Methylphenol	8.45	107	68560	39.686	ng		93
18) Hexachloroethane	9.09	117	30110	32.978	ng		86
19) n-Nitroso-di-n-propylamine	8.80	70	50983	34.114	ng		97
20) 3+4-Methylphenols	8.78	107	90766	37.969	ng		98
22) Acetophenone	8.82	105	115647	38.003	ng	#	99
24) Nitrobenzene	9.21	77	75522	36.223	ng		99
25) Isophorone	9.73	82	143928	35.422	ng		98
26) 2-Nitrophenol	9.93	139	51303	39.266	ng	#	95
27) 2,4-Dimethylphenol	9.99	122	82835	46.025	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	87691	34.241	ng		99
29) 2,4-Dichlorophenol	10.47	162	103000	43.741	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	112750	39.010	ng		99
31) Naphthalene	10.87	128	254370	38.508	ng		99
32) Benzoic acid	10.17	122	36913	31.620	ng		98
33) 4-Chloroaniline	10.98	127	70614	23.157	ng		97
34) Hexachlorobutadiene	11.15	225	75757	39.000	ng		99
35) Caprolactam	11.77	113	30237m	38.483	ng		
36) 4-Chloro-3-methylphenol	12.12	107	92215	41.253	ng		99
37) 2-Methylnaphthalene	12.48	142	214151	40.375	ng		98
38) 1-Methylnaphthalene	12.70	142	201041	39.904	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	152949	41.381	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	119934	61.773 ng		97
43) 2,4,6-Trichlorophenol	13.09	196	98613	39.472 ng		98
44) 2,4,5-Trichlorophenol	13.18	196	106632	41.187 ng		99
46) 1,1'-Biphenyl	13.49	154	287261	38.611 ng		99
47) 2-Chloronaphthalene	13.53	162	241346	37.621 ng		100
48) 2-Nitroaniline	13.73	65	52617	34.013 ng		96
49) Acenaphthylene	14.38	152	379708	39.343 ng		99
50) Dimethylphthalate	14.11	163	366086	44.083 ng		100
51) 2,6-Dinitrotoluene	14.23	165	75237	39.086 ng		93
52) Acenaphthene	14.72	154	221389	37.777 ng		98
53) 3-Nitroaniline	14.56	138	50132	26.041 ng		99
54) 2,4-Dinitrophenol	14.79	184	82856	65.118 ng		97
55) Dibenzofuran	15.06	168	390289	40.233 ng		99
56) 4-Nitrophenol	14.89	139	91532	66.913 ng		93
57) 2,4-Dinitrotoluene	15.03	165	107316	38.933 ng		99
58) Fluorene	15.71	166	315843	39.830 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107369m	41.936 ng		
60) Diethylphthalate	15.47	149	304050	37.453 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	191196	39.998 ng		99
62) 4-Nitroaniline	15.74	138	70991	34.456 ng		93
63) Azobenzene	15.99	77	198426	35.671 ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	69606	41.596 ng		96
66) n-Nitrosodiphenylamine	15.91	169	294839	40.168 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	137214	40.530 ng		96
68) Hexachlorobenzene	16.72	284	145372	39.500 ng		98
69) Atrazine	16.87	200	109478	42.177 ng		99
70) Pentachlorophenol	17.07	266	134203	70.182 ng		97
71) Phenanthrene	17.45	178	519590	39.192 ng		99
72) Anthracene	17.55	178	534398	40.378 ng		99
73) Carbazole	17.82	167	423771	35.926 ng		99
74) Di-n-butylphthalate	18.37	149	494267	35.448 ng		99
75) Fluoranthene	19.47	202	578615	35.761 ng		95
77) Benzidine	19.64	184	264709	42.093 ng		98
78) Pyrene	19.83	202	567720	42.217 ng		98
80) Butylbenzylphthalate	20.71	149	179717	33.978 ng		96
81) Benzo(a)anthracene	21.67	228	525299	39.369 ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	161325	30.063 ng		97
83) Chrysene	21.74	228	504942	39.240 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	265352	36.133 ng		98
85) Di-n-octyl phthalate	22.78	149	464945	36.810 ng		98
86) Indeno(1,2,3-cd)pyrene	28.66	276	682285	39.016 ng	#	96
88) Benzo(b)fluoranthene	23.90	252	585971	39.757 ng	#	99
89) Benzo(k)fluoranthene	23.97	252	564861	39.871 ng	#	96
90) Benzo(a)pyrene	24.78	252	576339	41.209 ng	#	97
91) Dibenzo(a,h)anthracene	28.71	278	560626	39.590 ng	#	98
92) Benzo(g,h,i)perylene	29.82	276	571820	40.374 ng		98

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

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