Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043680.D
Acq On : 18 Nov 2019 19:34
Operator : JU
Sample : K5833-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Manual Integrations APPROVED
mohammad
11/19/2019 2:37:11 PM

Quant Time: Nov 19 02:40:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28145	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	108009	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	78410	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	190142	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	204414	20.00	ng		-0.02
87) Perylene-d12	24.81	264	242904	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	141044	91.83	ng		0.00
7) Phenol-d6	7.19	99	201634	91.24	ng		0.00
23) Nitrobenzene-d5	9.16	82	121932	58.20	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	117429	78.70	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	333863	58.84	ng		-0.02
79) Terphenyl-d14	19.98	244	659829	60.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	21493	35.909	ng		98
3) Pyridine	3.85	79	52342	34.667	ng		96
4) n-Nitrosodimethylamine	3.77	42	33687	44.216	ng		96
6) Aniline	7.32	93	25885	10.168	ng		97
8) 2-Chlorophenol	7.57	128	73444	43.317	ng		96
9) Benzaldehyde	7.14	77	33055	30.437	ng	#	88
10) Phenol	7.22	94	93227	46.167	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	56280	36.048	ng		99
12) 1,3-Dichlorobenzene	7.88	146	78440	36.925	ng		99
13) 1,4-Dichlorobenzene	8.03	146	81122	37.744	ng		99
14) 1,2-Dichlorobenzene	8.35	146	76803	36.598	ng		98
15) Benzyl Alcohol	8.25	79	63315	40.796	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	83075	36.595	ng		99
17) 2-Methylphenol	8.46	107	61943	42.078	ng		97
18) Hexachloroethane	9.07	117	28037	36.157	ng		99
19) n-Nitroso-di-n-propylamine	8.79	70	53097	37.184	ng		92
20) 3+4-Methylphenols	8.79	107	82507	40.873	ng		94
22) Acetophenone	8.82	105	101797	36.803	ng	#	90
24) Nitrobenzene	9.20	77	83767	41.972	ng		99
25) Isophorone	9.71	82	150570	39.310	ng		98
26) 2-Nitrophenol	9.91	139	40780	42.324	ng		92
27) 2,4-Dimethylphenol	9.99	122	50998	36.929	ng		95
28) bis(2-Chloroethoxy)methane	10.20	93	82933	39.230	ng		96
29) 2,4-Dichlorophenol	10.47	162	76453	43.208	ng		94
30) 1,2,4-Trichlorobenzene	10.66	180	87326	39.158	ng		98
31) Naphthalene	10.85	128	223833	40.827	ng		99
32) Benzoic acid	10.16	122	33473	34.809	ng		94
33) 4-Chloroaniline	10.99	127	13478	5.997	ng	#	93
34) Hexachlorobutadiene	11.13	225	59360	36.007	ng		94
35) Caprolactam	11.72	113	24579m	40.333	ng		
36) 4-Chloro-3-methylphenol	12.11	107	83827	43.432	ng		99
37) 2-Methylnaphthalene	12.45	142	169087	40.196	ng		99
38) 1-Methylnaphthalene	12.67	142	166087	41.496	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	109771	37.828	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	100189	65.726	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	71473	41.823	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	76570	44.319	ng		95
46) 1,1'-Biphenyl	13.46	154	233225	39.099	ng		98
47) 2-Chloronaphthalene	13.50	162	179774	39.610	ng		97
48) 2-Nitroaniline	13.71	65	54826	40.418	ng		99
49) Acenaphthylene	14.34	152	296883	42.030	ng		99
50) Dimethylphthalate	14.08	163	283867	46.739	ng		99
51) 2,6-Dinitrotoluene	14.20	165	54208	41.084	ng		94
52) Acenaphthene	14.69	154	172857	40.128	ng		99
53) 3-Nitroaniline	14.54	138	13594	10.671	ng		86
54) 2,4-Dinitrophenol	14.75	184	59284	72.686	ng		96
55) Dibenzofuran	15.03	168	287365	41.137	ng		97
56) 4-Nitrophenol	14.89	139	72741	85.210	ng		90
57) 2,4-Dinitrotoluene	14.99	165	75791	40.194	ng	#	93
58) Fluorene	15.67	166	236610	40.385	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	75199	40.967	ng	#	95
60) Diethylphthalate	15.44	149	239986	39.326	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	136308	39.880	ng		99
62) 4-Nitroaniline	15.71	138	46289	35.185	ng		96
63) Azobenzene	15.95	77	200448	40.586	ng		96
65) 4,6-Dinitro-2-methylphenol	15.76	198	46089	41.188	ng		97
66) n-Nitrosodiphenylamine	15.88	169	212364	39.560	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	96313	37.639	ng		96
68) Hexachlorobenzene	16.68	284	108894	37.073	ng		99
69) Atrazine	16.83	200	92403	49.537	ng		98
70) Pentachlorophenol	17.04	266	93534	69.885	ng		97
71) Phenanthrene	17.41	178	379972	39.025	ng		98
72) Anthracene	17.51	178	397591	40.813	ng		97
73) Carbazole	17.78	167	348190	39.469	ng		97
74) Di-n-butylphthalate	18.33	149	416012	38.865	ng		98
75) Fluoranthene	19.43	202	506719	39.919	ng		99
77) Benzidine	19.61	184	55725	13.546	ng		97
78) Pyrene	19.79	202	516389	40.812	ng		99
80) Butylbenzylphthalate	20.67	149	193825	40.433	ng		99
81) Benzo(a)anthracene	21.62	228	526788	41.141	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	80388	16.232	ng		97
83) Chrysene	21.68	228	513647	40.374	ng		97
84) Bis(2-ethylhexyl)phthalate	21.52	149	288444	42.359	ng		99
85) Di-n-octyl phthalate	22.71	149	490052	42.418	ng		100
86) Indeno(1,2,3-cd)pyrene	28.44	276	667493	41.798	ng		100
88) Benzo(b)fluoranthene	23.81	252	556919	40.482	ng		99
89) Benzo(k)fluoranthene	23.87	252	574055	41.449	ng		99
90) Benzo(a)pyrene	24.67	252	526178	40.052	ng		100
91) Dibenzo(a,h)anthracene	28.50	278	568259	42.289	ng		99
92) Benzo(g,h,i)perylene	29.58	276	567727	42.832	ng		99

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

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