Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039156.D
Acq On : 16 Jan 2019 14:25
Operator : JU/SJ
Sample : K1015-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-011119-AMS

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:11 PM

Quant Time: Jan 16 15:39:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 14:03:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21711	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90811	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	68640	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	191700	20.00	ng	0.00
76) Chrysene-d12	21.68	240	185775	20.00	ng	0.00
87) Perylene-d12	24.96	264	210814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	170194	148.71	ng	0.00
7) Phenol-d6	7.18	99	223722	135.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	152779	92.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	169265	147.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	453249	90.37	ng	0.00
79) Terphenyl-d14	20.01	244	910033	90.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	12973	28.945	ng	# 6
3) Pyridine	3.87	79	49451	40.606	ng	92
4) n-Nitrosodimethylamine	3.78	42	29315	53.493	ng	97
6) Aniline	7.35	93	22057	11.151	ng	95
8) 2-Chlorophenol	7.58	128	60626	44.937	ng	100
9) Benzaldehyde	7.16	77	20105	21.166	ng	96
10) Phenol	7.21	94	66630	40.349	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	51943	41.156	ng	95
12) 1,3-Dichlorobenzene	7.91	146	63416	39.232	ng	96
13) 1,4-Dichlorobenzene	8.05	146	67270	41.092	ng	97
14) 1,2-Dichlorobenzene	8.37	146	65502	41.965	ng	98
15) Benzyl Alcohol	8.26	79	58572	47.221	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	102540	42.370	ng	98
17) 2-Methylphenol	8.46	107	52753	46.007	ng	97
18) Hexachloroethane	9.09	117	21414	38.503	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	44092	40.765	ng	95
20) 3+4-Methylphenols	8.79	107	70614	43.194	ng	99
22) Acetophenone	8.85	105	92154	38.858	ng	# 98
24) Nitrobenzene	9.24	77	66142	39.430	ng	# 95
25) Isophorone	9.76	82	142374	49.804	ng	100
26) 2-Nitrophenol	9.95	139	39365	43.386	ng	95
27) 2,4-Dimethylphenol	10.00	122	71646	56.127	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	78927	45.939	ng	97
29) 2,4-Dichlorophenol	10.48	162	77966	49.165	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	76582	40.192	ng	95
31) Naphthalene	10.88	128	199709	43.848	ng	99
32) Benzoic acid	10.17	122	26509	36.567	ng	97
33) 4-Chloroaniline	11.01	127	6432	3.156	ng	# 83
34) Hexachlorobutadiene	11.14	225	54078	41.247	ng	96
35) Caprolactam	11.80	113	17600m	27.677	ng	
36) 4-Chloro-3-methylphenol	12.12	107	88306	52.063	ng	92
37) 2-Methylnaphthalene	12.49	142	162529	47.596	ng	99
38) 1-Methylnaphthalene	12.71	142	154812	47.233	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	103374	40.101	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	107850	74.694	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	70441	43.417	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	75850	44.234	ng		98
46) 1,1'-Biphenyl	13.49	154	214240	39.390	ng		99
47) 2-Chloronaphthalene	13.54	162	172640	39.225	ng		100
48) 2-Nitroaniline	13.76	65	52393	42.491	ng		96
49) Acenaphthylene	14.39	152	287321	43.432	ng		99
50) Dimethylphthalate	14.12	163	244656	42.179	ng		99
51) 2,6-Dinitrotoluene	14.25	165	53951	41.603	ng		93
52) Acenaphthene	14.73	154	164209	41.314	ng		99
53) 3-Nitroaniline	14.59	138	5960	4.530	ng	#	91
54) 2,4-Dinitrophenol	14.79	184	53619	69.887	ng		95
55) Dibenzofuran	15.06	168	286582	40.825	ng		99
56) 4-Nitrophenol	14.90	139	67087	70.874	ng		98
57) 2,4-Dinitrotoluene	15.04	165	76386	41.056	ng		94
58) Fluorene	15.71	166	229952	43.519	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	74487	46.017	ng		98
60) Diethylphthalate	15.47	149	241917	40.480	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	133258	40.030	ng		100
62) 4-Nitroaniline	15.75	138	47925	34.970	ng		91
63) Azobenzene	15.99	77	185731	39.741	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	44965	31.660	ng		96
66) n-Nitrosodiphenylamine	15.91	169	213514	37.571	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	103280	41.912	ng		98
68) Hexachlorobenzene	16.71	284	103551	38.510	ng		98
69) Atrazine	16.86	200	111968	46.379	ng		95
70) Pentachlorophenol	17.06	266	108995	66.650	ng		92
71) Phenanthrene	17.45	178	438188	43.245	ng		99
72) Anthracene	17.55	178	456589	45.575	ng		100
73) Carbazole	17.82	167	405203	40.971	ng		99
74) Di-n-butylphthalate	18.35	149	454050	41.268	ng		99
75) Fluoranthene	19.46	202	549885	43.776	ng		99
77) Benzidine	19.65	184	55247	9.723	ng		97
78) Pyrene	19.83	202	549572	46.420	ng		99
80) Butylbenzylphthalate	20.69	149	201316	44.708	ng		99
81) Benzo(a)anthracene	21.67	228	508216	44.939	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	49363	10.713	ng		97
83) Chrysene	21.73	228	469892	43.687	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	274117	43.843	ng		98
85) Di-n-octyl phthalate	22.75	149	485449	45.918	ng		100
86) Indeno(1,2,3-cd)pyrene	28.70	276	599739	46.664	ng		98
88) Benzo(b)fluoranthene	23.91	252	535025	46.027	ng		99
89) Benzo(k)fluoranthene	23.97	252	547648	47.650	ng		99
90) Benzo(a)pyrene	24.80	252	506711	45.098	ng		98
91) Dibenzo(a,h)anthracene	28.77	278	497221	44.491	ng		99
92) Benzo(g,h,i)perylene	29.89	276	481226	43.495	ng		99

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

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