Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039895.D
Acq On : 13 Mar 2019 5:27
Operator : JU/SJ
Sample : K1697-06MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-031119-AMS

Manual Integrations APPROVED
Sohil
3/13/2019 5:49:31 PM

Quant Time: Mar 13 07:16:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39155	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	156789	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	110910	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	279104	20.00	ng	0.00
76) Chrysene-d12	21.81	240	283695	20.00	ng	0.00
87) Perylene-d12	25.18	264	296627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	329474	143.55	ng	0.00
7) Phenol-d6	7.30	99	433353	126.63	ng	0.00
23) Nitrobenzene-d5	9.33	82	319907	110.35	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	219307	169.65	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	758564	97.38	ng	0.00
79) Terphenyl-d14	20.11	244	1295260	100.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	40906	38.605	ng	# 1
3) Pyridine	4.00	79	94861	33.440	ng	98
4) n-Nitrosodimethylamine	3.91	42	55746	41.425	ng	94
6) Aniline	7.48	93	41046	9.155	ng	95
8) 2-Chlorophenol	7.71	128	119659	42.975	ng	98
9) Benzaldehyde	7.30	77	57813	26.189	ng	95
10) Phenol	7.33	94	134682	36.329	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	118418	40.968	ng	97
12) 1,3-Dichlorobenzene	8.04	146	131118	41.637	ng	95
13) 1,4-Dichlorobenzene	8.19	146	131706	41.060	ng	98
14) 1,2-Dichlorobenzene	8.51	146	127399	41.107	ng	98
15) Benzyl Alcohol	8.40	79	116604	42.954	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.67	45	237916	41.155	ng	99
17) 2-Methylphenol	8.58	107	101797	43.063	ng	99
18) Hexachloroethane	9.24	117	46856	40.711	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	97183	39.454	ng	95
20) 3+4-Methylphenols	8.91	107	139901	42.601	ng	99
22) Acetophenone	8.98	105	186854	44.403	ng	# 95
24) Nitrobenzene	9.38	77	146613	48.208	ng	97
25) Isophorone	9.89	82	281226	46.298	ng	98
26) 2-Nitrophenol	10.08	139	69843	47.565	ng	# 91
27) 2,4-Dimethylphenol	10.12	122	124526	54.528	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	168543	45.659	ng	96
29) 2,4-Dichlorophenol	10.62	162	135651	52.758	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	133105	46.005	ng	99
31) Naphthalene	11.03	128	387554	46.686	ng	99
32) Benzoic acid	10.24	122	39572	28.366	ng	97
33) 4-Chloroaniline	11.14	127	9649	2.741	ng	# 90
34) Hexachlorobutadiene	11.29	225	87595	44.304	ng	97
35) Caprolactam	11.91	113	33292m	33.896	ng	
36) 4-Chloro-3-methylphenol	12.24	107	148776	50.476	ng	98
37) 2-Methylnaphthalene	12.62	142	294134	47.393	ng	98
38) 1-Methylnaphthalene	12.84	142	282893	46.904	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	162569	43.267	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	184340	91.548	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	114272	51.947	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	125804	50.737	ng		99
46) 1,1'-Biphenyl	13.61	154	405684	44.472	ng		99
47) 2-Chloronaphthalene	13.66	162	313896	45.740	ng		99
48) 2-Nitroaniline	13.87	65	114750	52.031	ng		99
49) Acenaphthylene	14.50	152	513612	45.591	ng		99
50) Dimethylphthalate	14.23	163	433726	46.767	ng		99
51) 2,6-Dinitrotoluene	14.36	165	96845	49.258	ng		98
52) Acenaphthene	14.85	154	314232	46.344	ng		99
53) 3-Nitroaniline	14.69	138	15881	8.036	ng	#	91
54) 2,4-Dinitrophenol	14.89	184	39572	35.075	ng		97
55) Dibenzofuran	15.17	168	516799	46.455	ng		100
56) 4-Nitrophenol	14.99	139	125647	71.069	ng		93
57) 2,4-Dinitrotoluene	15.14	165	139983	50.671	ng	#	91
58) Fluorene	15.83	166	415567	47.518	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	125876	51.981	ng		96
60) Diethylphthalate	15.58	149	447105	48.700	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	217153	46.531	ng		99
62) 4-Nitroaniline	15.86	138	97592	45.549	ng		98
63) Azobenzene	16.10	77	399094	47.956	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	45286	27.442	ng		95
66) n-Nitrosodiphenylamine	16.03	169	384409	47.575	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	148226	47.446	ng		98
68) Hexachlorobenzene	16.82	284	149016	46.016	ng		96
69) Atrazine	16.97	200	156859	49.326	ng		94
70) Pentachlorophenol	17.17	266	129055	63.102	ng		98
71) Phenanthrene	17.57	178	717688	46.684	ng		99
72) Anthracene	17.66	178	721193	48.140	ng		99
73) Carbazole	17.93	167	637193	47.180	ng		100
74) Di-n-butylphthalate	18.46	149	776766	48.883	ng		100
75) Fluoranthene	19.57	202	855826	47.105	ng		99
77) Benzidine	19.75	184	40927	4.546	ng		99
78) Pyrene	19.93	202	867381	47.052	ng		99
80) Butylbenzylphthalate	20.80	149	360680	50.501	ng		95
81) Benzo(a)anthracene	21.79	228	827001	46.513	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	71385	10.997	ng		97
83) Chrysene	21.86	228	795567	46.154	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	499426	49.762	ng		99
85) Di-n-octyl phthalate	22.91	149	855279	51.467	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	914161	46.749	ng	#	96
88) Benzo(b)fluoranthene	24.10	252	836987	47.318	ng		98
89) Benzo(k)fluoranthene	24.17	252	796738	48.389	ng		99
90) Benzo(a)pyrene	25.03	252	810582	49.592	ng		97
91) Dibenzo(a,h)anthracene	29.13	278	745875	46.547	ng		99
92) Benzo(g,h,i)perylene	30.27	276	736772	45.781	ng		99

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

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