Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
Data File : BG041745.D
Acq On : 22 Jul 2019 12:09
Operator : HP/JU
Sample : K3615-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-071719-AMSD

Manual Integrations APPROVED
mohammad
7/23/2019 4:23:43 PM

Quant Time: Jul 22 15:25:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	135486	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	542918	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	351556	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	856537	20.00	ng	0.00
76) Chrysene-d12	21.65	240	830875	20.00	ng	0.00
87) Perylene-d12	24.84	264	959212	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	894161	107.89	ng	0.00
7) Phenol-d6	7.20	99	1116862	100.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	836724	93.73	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	585866	147.87	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1885212	83.04	ng	0.00
79) Terphenyl-d14	20.00	244	2830946	79.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	105694	26.851	ng	# 17
3) Pyridine	3.90	79	244245	23.245	ng	92
4) n-Nitrosodimethylamine	3.80	42	141463	29.154	ng	92
6) Aniline	7.37	93	213077	14.222	ng	95
8) 2-Chlorophenol	7.61	128	355081	37.844	ng	97
9) Benzaldehyde	7.18	77	139245	17.449	ng	90
10) Phenol	7.23	94	375232	31.949	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	343982	36.264	ng	96
12) 1,3-Dichlorobenzene	7.93	146	371710	33.202	ng	99
13) 1,4-Dichlorobenzene	8.08	146	374639	33.415	ng	97
14) 1,2-Dichlorobenzene	8.40	146	358853	33.948	ng	96
15) Benzyl Alcohol	8.28	79	313939	35.374	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	627001	31.900	ng	97
17) 2-Methylphenol	8.48	107	300620	37.012	ng	98
18) Hexachloroethane	9.13	117	134089	32.653	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	282076	34.620	ng	95
20) 3+4-Methylphenols	8.81	107	405332	36.416	ng	98
22) Acetophenone	8.86	105	540460	40.873	ng	# 95
24) Nitrobenzene	9.25	77	397315	40.798	ng	97
25) Isophorone	9.77	82	755488	38.647	ng	99
26) 2-Nitrophenol	9.96	139	203140	45.715	ng	99
27) 2,4-Dimethylphenol	10.01	122	346327	44.776	ng	100
28) bis(2-Chloroethoxy)methane	10.25	93	469810	38.994	ng	99
29) 2,4-Dichlorophenol	10.50	162	387538	43.946	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	402682	38.891	ng	98
31) Naphthalene	10.90	128	1045007	39.097	ng	99
32) Benzoic acid	10.14	122	173388	31.842	ng	96
33) 4-Chloroaniline	11.00	127	57919	4.698	ng	96
34) Hexachlorobutadiene	11.20	225	252637	37.962	ng	98
35) Caprolactam	11.77	113	99260m	30.623	ng	
36) 4-Chloro-3-methylphenol	12.11	107	391178	42.343	ng	99
37) 2-Methylnaphthalene	12.50	142	823783	40.340	ng	100
38) 1-Methylnaphthalene	12.72	142	780355	40.083	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	488616	40.576	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	484401	71.110	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	335736	42.908	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	361573	43.859	ng		97
46) 1,1'-Biphenyl	13.50	154	1054306	40.030	ng		99
47) 2-Chloronaphthalene	13.55	162	851216	38.779	ng		99
48) 2-Nitroaniline	13.73	65	269300	42.137	ng		94
49) Acenaphthylene	14.39	152	1339640	39.094	ng		99
50) Dimethylphthalate	14.12	163	1200812	43.491	ng		100
51) 2,6-Dinitrotoluene	14.23	165	269764	46.062	ng		93
52) Acenaphthene	14.73	154	916775	42.454	ng		99
53) 3-Nitroaniline	14.55	138	123638	19.339	ng	#	95
54) 2,4-Dinitrophenol	14.76	184	219295	74.661	ng		96
55) Dibenzofuran	15.06	168	1305214	40.279	ng		99
56) 4-Nitrophenol	14.86	139	421667	81.465	ng		94
57) 2,4-Dinitrotoluene	15.01	165	374119	48.325	ng		97
58) Fluorene	15.71	166	1066072	40.432	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	354066	46.522	ng	#	97
60) Diethylphthalate	15.48	149	1119517	40.248	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	616007	41.330	ng		99
62) 4-Nitroaniline	15.71	138	282806	41.709	ng		98
63) Azobenzene	15.99	77	974231	38.740	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	184610	45.763	ng		96
66) n-Nitrosodiphenylamine	15.91	169	1016226	40.401	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	419900	41.200	ng		99
68) Hexachlorobenzene	16.71	284	417759	40.706	ng		97
69) Atrazine	16.85	200	410975	45.023	ng		99
70) Pentachlorophenol	17.05	266	551954	86.014	ng		100
71) Phenanthrene	17.44	178	1731240	40.135	ng		99
72) Anthracene	17.54	178	1768025	41.119	ng		99
73) Carbazole	17.79	167	1645762	41.271	ng		100
74) Di-n-butylphthalate	18.36	149	1887259	38.803	ng		99
75) Fluoranthene	19.45	202	2116634	39.962	ng		99
77) Benzidine	19.62	184	220800	5.057	ng		95
78) Pyrene	19.80	202	2148202	38.228	ng		99
80) Butylbenzylphthalate	20.69	149	932815	39.947	ng		92
81) Benzo(a)anthracene	21.63	228	2104564	39.203	ng		100
82) 3,3'-Dichlorobenzidine	21.54	252	467670	22.138	ng		97
83) Chrysene	21.70	228	2018631	39.352	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	1280561	38.840	ng		100
85) Di-n-octyl phthalate	22.76	149	2174369	38.726	ng		96
86) Indeno(1,2,3-cd)pyrene	28.49	276	2774990	40.999	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	2318992	39.857	ng		98
89) Benzo(k)fluoranthene	23.90	252	2297421	42.613	ng		99
90) Benzo(a)pyrene	24.70	252	2308628	41.937	ng		100
91) Dibenzo(a,h)anthracene	28.55	278	2262686	42.392	ng		98
92) Benzo(g,h,i)perylene	29.63	276	2295913	42.923	ng		97

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

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