Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041809.D
Acq On : 30 Jul 2019 19:58
Operator : HP/JU
Sample : PB121837BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121837BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:06 PM

Quant Time: Jul 31 06:46:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63933	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	261841	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	190822	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	573200	20.00	ng		0.00
76) Chrysene-d12	21.74	240	622064	20.00	ng		0.00
87) Perylene-d12	25.01	264	644295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	570893	173.74	ng		0.00
7) Phenol-d6	7.20	99	749872	169.27	ng		0.00
23) Nitrobenzene-d5	9.21	82	417371	109.69	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	470239	216.95	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1168987	108.05	ng		0.00
79) Terphenyl-d14	20.07	244	2390095	87.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	69187	44.734	ng		91
3) Pyridine	3.86	79	169739	40.021	ng		91
4) n-Nitrosodimethylamine	3.77	42	82464	49.048	ng		89
6) Aniline	7.36	93	241256	38.676	ng		95
8) 2-Chlorophenol	7.61	128	216868	57.635	ng		91
9) Benzaldehyde	7.17	77	98666	31.652	ng		95
10) Phenol	7.23	94	266629	57.852	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	182741	48.231	ng		95
12) 1,3-Dichlorobenzene	7.94	146	222265	45.259	ng		97
13) 1,4-Dichlorobenzene	8.09	146	226984	46.192	ng		97
14) 1,2-Dichlorobenzene	8.40	146	217722	46.433	ng		95
15) Benzyl Alcohol	8.28	79	180637	51.829	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	302759	44.914	ng		94
17) 2-Methylphenol	8.49	107	185157	55.241	ng		98
18) Hexachloroethane	9.14	117	77978	46.339	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	153720	47.795	ng		91
20) 3+4-Methylphenols	8.81	107	256585	55.941	ng		99
22) Acetophenone	8.87	105	300650	51.334	ng	#	93
24) Nitrobenzene	9.25	77	219166	54.675	ng		99
25) Isophorone	9.78	82	417038	50.385	ng		98
26) 2-Nitrophenol	9.97	139	120501	64.772	ng		94
27) 2,4-Dimethylphenol	10.03	122	210742	64.183	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	257631	49.809	ng		99
29) 2,4-Dichlorophenol	10.51	162	246023	61.528	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	248962	49.100	ng		96
31) Naphthalene	10.92	128	629241	52.508	ng		98
32) Benzoic acid	10.12	122	42718	23.628	ng		93
33) 4-Chloroaniline	11.02	127	213051	37.489	ng		96
34) Hexachlorobutadiene	11.22	225	158054	46.185	ng		98
35) Caprolactam	11.80	113	112933m	81.270	ng		
36) 4-Chloro-3-methylphenol	12.15	107	251083	63.337	ng		93
37) 2-Methylnaphthalene	12.53	142	504655	53.202	ng		98
38) 1-Methylnaphthalene	12.75	142	481342	53.547	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	312046	51.661	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	328179	96.636 ng		99
43) 2,4,6-Trichlorophenol	13.13	196	233165	61.074 ng		97
44) 2,4,5-Trichlorophenol	13.20	196	258604	65.183 ng		96
46) 1,1'-Biphenyl	13.54	154	658993	53.723 ng		94
47) 2-Chloronaphthalene	13.58	162	545663	52.248 ng		96
48) 2-Nitroaniline	13.77	65	172924	65.285 ng		89
49) Acenaphthylene	14.42	152	892320	57.119 ng		97
50) Dimethylphthalate	14.15	163	767592	58.899 ng		99
51) 2,6-Dinitrotoluene	14.27	165	186426	68.411 ng		90
52) Acenaphthene	14.77	154	609380	59.975 ng		99
53) 3-Nitroaniline	14.60	138	146075	50.106 ng	#	92
54) 2,4-Dinitrophenol	14.80	184	176989	98.553 ng		89
55) Dibenzofuran	15.10	168	905318	58.253 ng		95
56) 4-Nitrophenol	14.91	139	402261	181.776 ng		94
57) 2,4-Dinitrotoluene	15.05	165	275547	73.527 ng		97
58) Fluorene	15.75	166	754051	60.460 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	286626	72.946 ng		93
60) Diethylphthalate	15.52	149	802027	62.684 ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	434024	57.004 ng		95
62) 4-Nitroaniline	15.76	138	230872	73.113 ng		98
63) Azobenzene	16.04	77	624769	59.776 ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	162801	56.598 ng		87
66) n-Nitrosodiphenylamine	15.96	169	743780	47.637 ng		98
67) 4-Bromophenyl-phenylether	16.64	248	314459	44.536 ng		97
68) Hexachlorobenzene	16.76	284	324624	43.947 ng		94
69) Atrazine	16.90	200	321343	52.382 ng		98
70) Pentachlorophenol	17.10	266	430588	102.612 ng		99
71) Phenanthrene	17.50	178	1378022	50.155 ng		97
72) Anthracene	17.59	178	1404617	51.260 ng		97
73) Carbazole	17.85	167	1338083	54.406 ng		97
74) Di-n-butylphthalate	18.42	149	1504538	53.960 ng		97
75) Fluoranthene	19.51	202	1800966	53.927 ng		96
77) Benzidine	19.68	184	742956	36.591 ng		97
78) Pyrene	19.87	202	1826974	49.570 ng		96
80) Butylbenzylphthalate	20.76	149	748115	52.942 ng		89
81) Benzo(a)anthracene	21.72	228	1818831	49.419 ng		97
82) 3,3'-Dichlorobenzidine	21.63	252	538378	36.434 ng		97
83) Chrysene	21.79	228	1789057	50.711 ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	1033922	53.043 ng		99
85) Di-n-octyl phthalate	22.87	149	1776885	54.166 ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2416682	51.747 ng	#	89
88) Benzo(b)fluoranthene	23.98	252	2033128m	57.684 ng		
89) Benzo(k)fluoranthene	24.05	252	1996177	58.142 ng	#	98
90) Benzo(a)pyrene	24.86	252	2017330	59.678 ng	#	98
91) Dibenzo(a,h)anthracene	28.83	278	1992787	60.039 ng	#	96
92) Benzo(g,h,i)perylene	29.94	276	2015887	60.791 ng	#	95

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

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