Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
Data File : BG041749.D
Acq On : 22 Jul 2019 14:43
Operator : HP/JU
Sample : K3916-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:03 PM

Quant Time: Jul 23 06:33:51 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	91211	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	359469	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	251930	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	530306	20.00	ng		0.00
76) Chrysene-d12	21.65	240	562021	20.00	ng		0.00
87) Perylene-d12	24.84	264	667091	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	699369	125.35	ng		0.00
7) Phenol-d6	7.20	99	959280	127.82	ng		0.00
23) Nitrobenzene-d5	9.20	82	572904	96.92	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	454475	160.07	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1459391	89.70	ng		0.00
79) Terphenyl-d14	20.00	244	2118314	88.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	73745	27.829	ng		96
3) Pyridine	3.89	79	189015	26.721	ng		98
4) n-Nitrosodimethylamine	3.80	42	108142	33.105	ng		97
6) Aniline	7.36	93	247682	24.556	ng		95
8) 2-Chlorophenol	7.61	128	252410	39.960	ng		95
9) Benzaldehyde	7.17	77	116998	22.581	ng		98
10) Phenol	7.23	94	306456	38.759	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	233179	36.516	ng		98
12) 1,3-Dichlorobenzene	7.93	146	284346	37.727	ng		97
13) 1,4-Dichlorobenzene	8.08	146	286741	37.990	ng		96
14) 1,2-Dichlorobenzene	8.40	146	277241	38.959	ng		93
15) Benzyl Alcohol	8.28	79	221471	37.068	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	433429	32.756	ng		97
17) 2-Methylphenol	8.48	107	221513	40.511	ng		97
18) Hexachloroethane	9.13	117	100338	36.294	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	196544	35.831	ng		98
20) 3+4-Methylphenols	8.81	107	305164	40.726	ng		99
22) Acetophenone	8.86	105	375740	42.917	ng	#	95
24) Nitrobenzene	9.24	77	274427	42.560	ng		100
25) Isophorone	9.77	82	529129	40.881	ng		99
26) 2-Nitrophenol	9.96	139	139237	47.161	ng		98
27) 2,4-Dimethylphenol	10.01	122	249561	48.732	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	325870	40.850	ng		99
29) 2,4-Dichlorophenol	10.49	162	283886	48.621	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	311141	45.385	ng		98
31) Naphthalene	10.90	128	780013	44.075	ng		98
32) Benzoic acid	10.09	122	40281	15.075	ng	#	84
33) 4-Chloroaniline	11.00	127	226099	27.697	ng		98
34) Hexachlorobutadiene	11.20	225	202647	45.990	ng		100
35) Caprolactam	11.76	113	99714m	46.463	ng		
36) 4-Chloro-3-methylphenol	12.11	107	284204	46.463	ng		98
37) 2-Methylnaphthalene	12.50	142	617598	45.677	ng		99
38) 1-Methylnaphthalene	12.72	142	583445	45.263	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	389620	45.150	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	489737	100.324	ng		96
43) 2,4,6-Trichlorophenol	13.10	196	259035	46.197	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	281825	47.705	ng		97
46) 1,1'-Biphenyl	13.50	154	788304	41.766	ng		98
47) 2-Chloronaphthalene	13.55	162	641003	40.750	ng		99
48) 2-Nitroaniline	13.73	65	186801	40.787	ng		95
49) Acenaphthylene	14.39	152	1001864	40.799	ng		99
50) Dimethylphthalate	14.12	163	901799	45.577	ng		100
51) 2,6-Dinitrotoluene	14.23	165	187891	44.769	ng		95
52) Acenaphthene	14.73	154	650019	42.005	ng		99
53) 3-Nitroaniline	14.56	138	151791	33.132	ng		92
54) 2,4-Dinitrophenol	14.76	184	119861	58.779	ng		96
55) Dibenzofuran	15.06	168	981856	42.282	ng		96
56) 4-Nitrophenol	14.86	139	334746	90.247	ng		96
57) 2,4-Dinitrotoluene	15.01	165	259985	46.863	ng		90
58) Fluorene	15.71	166	782117	41.393	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	270893	49.669	ng		95
60) Diethylphthalate	15.48	149	789466	39.606	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	460707	43.134	ng		96
62) 4-Nitroaniline	15.71	138	202302	41.635	ng		97
63) Azobenzene	15.99	77	675821	37.502	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	136691	53.422	ng		97
66) n-Nitrosodiphenylamine	15.91	169	730524	46.909	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	303418	48.086	ng		99
68) Hexachlorobenzene	16.71	284	306675	48.264	ng		98
69) Atrazine	16.86	200	295001	52.199	ng		96
70) Pentachlorophenol	17.05	266	416728	104.891	ng		99
71) Phenanthrene	17.45	178	1249229	46.777	ng		98
72) Anthracene	17.54	178	1283647	48.220	ng		98
73) Carbazole	17.80	167	1147508	46.479	ng		98
74) Di-n-butylphthalate	18.36	149	1271524	42.226	ng		98
75) Fluoranthene	19.44	202	1495506	45.604	ng		95
77) Benzidine	19.61	184	818427	41.815	ng		99
78) Pyrene	19.81	202	1528778	40.219	ng		96
80) Butylbenzylphthalate	20.69	149	620940	39.312	ng		92
81) Benzo(a)anthracene	21.63	228	1585870	43.673	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	218084	15.262	ng		98
83) Chrysene	21.69	228	1536953	44.295	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	907769	40.704	ng		96
85) Di-n-octyl phthalate	22.76	149	1565990	41.233	ng		95
86) Indeno(1,2,3-cd)pyrene	28.49	276	2054560	44.876	ng	#	91
88) Benzo(b)fluoranthene	23.83	252	1790164m	44.241	ng		
89) Benzo(k)fluoranthene	23.90	252	1678051	44.755	ng	#	96
90) Benzo(a)pyrene	24.70	252	1747068	45.634	ng		97
91) Dibenzo(a,h)anthracene	28.55	278	1688466	45.486	ng	#	97
92) Benzo(g,h,i)perylene	29.63	276	1692612	45.501	ng		97

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

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