Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041687.D
Acq On : 17 Jul 2019 13:27
Operator : HP/JU
Sample : PB121214BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121214BS

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:44 PM

Quant Time: Jul 18 07:20:15 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	88402	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	354802	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	225845	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	546751	20.00	ng		0.00
76) Chrysene-d12	21.66	240	531886	20.00	ng		0.00
87) Perylene-d12	24.85	264	556163	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	736178	136.14	ng		0.00
7) Phenol-d6	7.20	99	958012	131.71	ng		0.00
23) Nitrobenzene-d5	9.21	82	562129	96.35	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	388279	152.55	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1362481	93.42	ng		0.00
79) Terphenyl-d14	20.01	244	2099639	92.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	105852	41.214	ng		98
3) Pyridine	3.89	79	259668	37.876	ng		95
4) n-Nitrosodimethylamine	3.80	42	130018	41.066	ng		100
6) Aniline	7.37	93	321773	32.916	ng		95
8) 2-Chlorophenol	7.61	128	278646	45.515	ng		99
9) Benzaldehyde	7.18	77	198455	46.103	ng		99
10) Phenol	7.23	94	345059	45.028	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	262052	42.341	ng		99
12) 1,3-Dichlorobenzene	7.94	146	309153	42.322	ng		99
13) 1,4-Dichlorobenzene	8.08	146	315324	43.104	ng		98
14) 1,2-Dichlorobenzene	8.40	146	293096	42.495	ng		97
15) Benzyl Alcohol	8.28	79	247973	42.823	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	514120	40.089	ng		99
17) 2-Methylphenol	8.48	107	245089	46.247	ng		99
18) Hexachloroethane	9.14	117	112390	41.945	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	215002	40.442	ng		96
20) 3+4-Methylphenols	8.81	107	325830	44.865	ng		97
22) Acetophenone	8.87	105	395742	45.796	ng	#	97
24) Nitrobenzene	9.25	77	300226	47.174	ng		97
25) Isophorone	9.77	82	568862	44.529	ng		98
26) 2-Nitrophenol	9.96	139	146445	49.950	ng		99
27) 2,4-Dimethylphenol	10.02	122	277485	54.897	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	351488	44.641	ng		99
29) 2,4-Dichlorophenol	10.49	162	289594	50.251	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	306168	45.247	ng		98
31) Naphthalene	10.90	128	808508	46.286	ng		98
32) Benzoic acid	10.14	122	183611	47.868	ng		94
33) 4-Chloroaniline	11.00	127	225757	28.019	ng		99
34) Hexachlorobutadiene	11.20	225	194233	44.661	ng		99
35) Caprolactam	11.76	113	100569m	47.478	ng		
36) 4-Chloro-3-methylphenol	12.11	107	292683	48.479	ng		100
37) 2-Methylnaphthalene	12.50	142	625086	46.839	ng		100
38) 1-Methylnaphthalene	12.72	142	587724	46.194	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	354210	45.787	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	396266	90.552	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	246753	49.090	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	265893	50.206	ng		98
46) 1,1'-Biphenyl	13.51	154	779085	46.045	ng		97
47) 2-Chloronaphthalene	13.55	162	633634	44.934	ng		98
48) 2-Nitroaniline	13.74	65	200347	48.797	ng		98
49) Acenaphthylene	14.39	152	1014859	46.101	ng		98
50) Dimethylphthalate	14.12	163	821692	46.325	ng		99
51) 2,6-Dinitrotoluene	14.23	165	189872	50.466	ng		96
52) Acenaphthene	14.73	154	698439	50.347	ng		98
53) 3-Nitroaniline	14.56	138	137779	33.547	ng		91
54) 2,4-Dinitrophenol	14.76	184	203180	104.260	ng		95
55) Dibenzofuran	15.06	168	970615	46.626	ng		97
56) 4-Nitrophenol	14.86	139	376790	113.314	ng		97
57) 2,4-Dinitrotoluene	15.01	165	264114	53.105	ng		98
58) Fluorene	15.71	166	780396	46.072	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	250066	51.146	ng		99
60) Diethylphthalate	15.48	149	824465	46.139	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	442523	46.217	ng		99
62) 4-Nitroaniline	15.72	138	207328	47.598	ng		99
63) Azobenzene	16.00	77	736517	45.590	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	139615	52.986	ng		96
66) n-Nitrosodiphenylamine	15.92	169	734026	45.716	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	295387	45.405	ng		99
68) Hexachlorobenzene	16.71	284	290783	44.387	ng		97
69) Atrazine	16.86	200	280793	48.191	ng		99
70) Pentachlorophenol	17.05	266	418848	102.254	ng		99
71) Phenanthrene	17.44	178	1280311	46.498	ng		97
72) Anthracene	17.54	178	1301215	47.409	ng		97
73) Carbazole	17.80	167	1198157	47.070	ng		97
74) Di-n-butylphthalate	18.37	149	1419165	45.712	ng		97
75) Fluoranthene	19.45	202	1575407	46.596	ng		96
77) Benzidine	19.62	184	812025	44.618	ng		99
78) Pyrene	19.81	202	1593504	44.297	ng		94
80) Butylbenzylphthalate	20.69	149	686928	45.953	ng		96
81) Benzo(a)anthracene	21.63	228	1544671	44.948	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	505849	37.406	ng		98
83) Chrysene	21.70	228	1510774	46.007	ng		96
84) Bis(2-ethylhexyl)phthalate	21.56	149	967367	45.834	ng		97
85) Di-n-octyl phthalate	22.77	149	1648483	45.864	ng		97
86) Indeno(1,2,3-cd)pyrene	28.50	276	1965669	45.367	ng	#	93
88) Benzo(b)fluoranthene	23.84	252	1713702	50.798	ng		98
89) Benzo(k)fluoranthene	23.91	252	1649230	52.759	ng		98
90) Benzo(a)pyrene	24.70	252	1688568	52.903	ng		97
91) Dibenzo(a,h)anthracene	28.57	278	1605962	51.893	ng		97
92) Benzo(g,h,i)perylene	29.64	276	1624775	52.389	ng		99

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

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