Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041796.D
Acq On : 30 Jul 2019 10:11
Operator : HP/JU
Sample : PB121767BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:45 PM

Quant Time: Jul 31 06:41:13 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	8.05	152	89071	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	375283	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	286807	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	658815	20.00	ng		0.00
76) Chrysene-d12	21.74	240	655831	20.00	ng		0.00
87) Perylene-d12	25.02	264	747757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	604859	132.12	ng		0.00
7) Phenol-d6	7.21	99	831329	134.70	ng		0.01
23) Nitrobenzene-d5	9.22	82	477893	87.63	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	450985	138.44	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1332305	81.93	ng		0.00
79) Terphenyl-d14	20.07	244	2276501	79.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	85277	39.576	ng		90
3) Pyridine	3.87	79	166013	28.096	ng		88
4) n-Nitrosodimethylamine	3.78	42	86171	36.788	ng		97
6) Aniline	7.37	93	272783	31.388	ng		96
8) 2-Chlorophenol	7.61	128	234848	44.799	ng		93
9) Benzaldehyde	7.18	77	37782	8.700	ng		91
10) Phenol	7.23	94	283888	44.213	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	202610	38.383	ng		92
12) 1,3-Dichlorobenzene	7.94	146	248409	36.307	ng		99
13) 1,4-Dichlorobenzene	8.09	146	250784	36.632	ng		98
14) 1,2-Dichlorobenzene	8.41	146	243552	37.283	ng		94
15) Benzyl Alcohol	8.29	79	202524	41.709	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	346136	36.857	ng		96
17) 2-Methylphenol	8.49	107	200494	42.935	ng		98
18) Hexachloroethane	9.15	117	87657	37.390	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	174353	38.911	ng	#	93
20) 3+4-Methylphenols	8.82	107	279585	43.752	ng		98
22) Acetophenone	8.87	105	338780	40.359	ng	#	93
24) Nitrobenzene	9.26	77	244926	42.632	ng		99
25) Isophorone	9.79	82	481680	40.603	ng		99
26) 2-Nitrophenol	9.97	139	127605	47.857	ng		95
27) 2,4-Dimethylphenol	10.03	122	233601	49.639	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	285806	38.553	ng		99
29) 2,4-Dichlorophenol	10.51	162	262497	45.804	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	282960	38.936	ng		97
31) Naphthalene	10.93	128	703455	40.957	ng		97
32) Benzoic acid	10.17	122	132220	40.905	ng		98
33) 4-Chloroaniline	11.03	127	202084	24.810	ng		95
34) Hexachlorobutadiene	11.22	225	181644	37.034	ng		99
35) Caprolactam	11.79	113	96539m	48.472	ng		
36) 4-Chloro-3-methylphenol	12.15	107	267201	47.028	ng		97
37) 2-Methylnaphthalene	12.53	142	568494	41.816	ng		98
38) 1-Methylnaphthalene	12.75	142	544532	42.265	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	352195	38.794	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	435609	85.342	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	245304	42.750	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	266933	44.765	ng		93
46) 1,1'-Biphenyl	13.54	154	742771	40.288	ng		96
47) 2-Chloronaphthalene	13.58	162	599166	38.171	ng		99
48) 2-Nitroaniline	13.78	65	176759	44.400	ng		93
49) Acenaphthylene	14.43	152	966747	41.173	ng		97
50) Dimethylphthalate	14.16	163	821208	41.925	ng		99
51) 2,6-Dinitrotoluene	14.27	165	191663	46.795	ng		89
52) Acenaphthene	14.77	154	683335	44.746	ng		99
53) 3-Nitroaniline	14.60	138	144411	32.957	ng	#	89
54) 2,4-Dinitrophenol	14.80	184	229516	88.735	ng		87
55) Dibenzofuran	15.10	168	969135	41.490	ng		96
56) 4-Nitrophenol	14.90	139	330552	99.382	ng		95
57) 2,4-Dinitrotoluene	15.06	165	274435	48.722	ng		93
58) Fluorene	15.76	166	785912	41.926	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	279481	47.323	ng		93
60) Diethylphthalate	15.53	149	816157	42.441	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	464971	40.631	ng		96
62) 4-Nitroaniline	15.77	138	202933	42.758	ng		98
63) Azobenzene	16.04	77	656166	41.770	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	151859	47.225	ng		84
66) n-Nitrosodiphenylamine	15.96	169	760942	42.402	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	324518	39.988	ng		97
68) Hexachlorobenzene	16.77	284	331590	39.056	ng		93
69) Atrazine	16.91	200	306601	43.484	ng		99
70) Pentachlorophenol	17.11	266	446003	92.473	ng		98
71) Phenanthrene	17.50	178	1332554	42.198	ng		96
72) Anthracene	17.59	178	1359150	43.155	ng		97
73) Carbazole	17.85	167	1236612	43.746	ng		95
74) Di-n-butylphthalate	18.42	149	1398446	43.637	ng		97
75) Fluoranthene	19.51	202	1671899	43.556	ng		94
77) Benzidine	19.68	184	719900	33.630	ng		98
78) Pyrene	19.87	202	1658825	42.691	ng		95
80) Butylbenzylphthalate	20.76	149	660893	44.362	ng		88
81) Benzo(a)anthracene	21.72	228	1593628	41.071	ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	528035	33.894	ng		97
83) Chrysene	21.79	228	1579142	42.457	ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	909673	44.266	ng		98
85) Di-n-octyl phthalate	22.88	149	1557423	45.032	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2094401	42.537	ng	#	90
88) Benzo(b)fluoranthene	23.97	252	1794198	43.862	ng		97
89) Benzo(k)fluoranthene	24.05	252	1743819	43.764	ng	#	97
90) Benzo(a)pyrene	24.86	252	1771607	45.158	ng	#	95
91) Dibenzo(a,h)anthracene	28.84	278	1721145	44.680	ng	#	95
92) Benzo(g,h,i)perylene	29.93	276	1737518	45.146	ng	#	95

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

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