Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041801.D
Acq On : 30 Jul 2019 14:42
Operator : HP/JU
Sample : PB121801BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121801BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:53 PM

Quant Time: Jul 31 01:56:52 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	89219	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	371726	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	278184	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	644133	20.00	ng		0.00
76) Chrysene-d12	21.74	240	645859	20.00	ng		0.00
87) Perylene-d12	25.02	264	733493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	594221	129.58	ng		0.00
7) Phenol-d6	7.20	99	822918	133.11	ng		0.00
23) Nitrobenzene-d5	9.22	82	475121	87.96	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	443754	140.44	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1310437	83.08	ng		0.00
79) Terphenyl-d14	20.07	244	2260174	80.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	102353	47.422	ng		92
3) Pyridine	3.86	79	161442	27.277	ng		92
4) n-Nitrosodimethylamine	3.78	42	82580	35.196	ng		90
6) Aniline	7.37	93	265735	30.526	ng		96
8) 2-Chlorophenol	7.61	128	229255	43.660	ng		94
9) Benzaldehyde	7.18	77	37192	8.550	ng		86
10) Phenol	7.23	94	278033	43.229	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	199526	37.736	ng		93
12) 1,3-Dichlorobenzene	7.94	146	244662	35.700	ng		98
13) 1,4-Dichlorobenzene	8.09	146	247775	36.132	ng		97
14) 1,2-Dichlorobenzene	8.41	146	243482	37.210	ng		94
15) Benzyl Alcohol	8.29	79	199404	40.999	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	344949	36.670	ng		96
17) 2-Methylphenol	8.49	107	195533	41.803	ng		99
18) Hexachloroethane	9.15	117	86693	36.917	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	171683	38.251	ng		90
20) 3+4-Methylphenols	8.82	107	274144	42.829	ng		100
22) Acetophenone	8.88	105	335171	40.311	ng	#	94
24) Nitrobenzene	9.26	77	238303	41.876	ng		98
25) Isophorone	9.79	82	467424	39.779	ng		99
26) 2-Nitrophenol	9.97	139	128323	48.586	ng		95
27) 2,4-Dimethylphenol	10.03	122	227093	48.717	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	280549	38.206	ng		99
29) 2,4-Dichlorophenol	10.51	162	256592	45.202	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	278167	38.643	ng		98
31) Naphthalene	10.93	128	694407	40.817	ng		97
32) Benzoic acid	10.17	122	127874	40.146	ng		97
33) 4-Chloroaniline	11.03	127	204962	25.404	ng		96
34) Hexachlorobutadiene	11.22	225	180535	37.160	ng		99
35) Caprolactam	11.79	113	93168m	47.227	ng		
36) 4-Chloro-3-methylphenol	12.15	107	259276	46.070	ng		97
37) 2-Methylnaphthalene	12.53	142	559645	41.559	ng		99
38) 1-Methylnaphthalene	12.75	142	531204	41.625	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	348724	39.602	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	418454	84.522	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	238040	42.770	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	261509	45.215	ng		95
46) 1,1'-Biphenyl	13.54	154	725022	40.544	ng		96
47) 2-Chloronaphthalene	13.58	162	587360	38.579	ng		97
48) 2-Nitroaniline	13.78	65	171985	44.540	ng		87
49) Acenaphthylene	14.43	152	944809	41.486	ng		98
50) Dimethylphthalate	14.16	163	799020	42.057	ng		99
51) 2,6-Dinitrotoluene	14.27	165	192123	48.361	ng	#	85
52) Acenaphthene	14.77	154	668357	45.122	ng		99
53) 3-Nitroaniline	14.60	138	145680	34.277	ng	#	87
54) 2,4-Dinitrophenol	14.80	184	226890	89.951	ng		88
55) Dibenzofuran	15.10	168	940324	41.504	ng		96
56) 4-Nitrophenol	14.90	139	326137	101.094	ng		94
57) 2,4-Dinitrotoluene	15.06	165	272317	49.845	ng		95
58) Fluorene	15.76	166	766735	42.171	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	271258	47.355	ng		94
60) Diethylphthalate	15.53	149	808339	43.337	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	458572	41.314	ng		97
62) 4-Nitroaniline	15.77	138	196902	42.773	ng		98
63) Azobenzene	16.04	77	637793	41.859	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	155518	49.140	ng		85
66) n-Nitrosodiphenylamine	15.96	169	734448	41.859	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	316389	39.875	ng		97
68) Hexachlorobenzene	16.77	284	326890	39.380	ng		94
69) Atrazine	16.91	200	305450	44.308	ng		99
70) Pentachlorophenol	17.11	266	443158	93.978	ng		98
71) Phenanthrene	17.50	178	1315090	42.594	ng		96
72) Anthracene	17.59	178	1340119	43.520	ng		97
73) Carbazole	17.85	167	1206991	43.672	ng		96
74) Di-n-butylphthalate	18.42	149	1390288	44.372	ng		96
75) Fluoranthene	19.51	202	1657209	44.158	ng		93
77) Benzidine	19.68	184	687045	32.591	ng		98
78) Pyrene	19.87	202	1657670	43.319	ng		95
80) Butylbenzylphthalate	20.76	149	661621	45.096	ng		94
81) Benzo(a)anthracene	21.72	228	1590202	41.615	ng		97
82) 3,3'-Dichlorobenzidine	21.63	252	537776	35.053	ng		99
83) Chrysene	21.79	228	1575671	43.017	ng		97
84) Bis(2-ethylhexyl)phthalate	21.64	149	906803	44.807	ng		99
85) Di-n-octyl phthalate	22.88	149	1559646	45.792	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2082218	42.943	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	1791267	44.642	ng	#	96
89) Benzo(k)fluoranthene	24.05	252	1739104	44.494	ng	#	96
90) Benzo(a)pyrene	24.86	252	1770484	46.007	ng	#	96
91) Dibenzo(a,h)anthracene	28.84	278	1709999	45.254	ng	#	95
92) Benzo(g,h,i)perylene	29.94	276	1726580	45.735	ng	#	94

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

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