Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041160.D
Acq On : 10 Jun 2019 11:40
Operator : HP/JU
Sample : PB120423BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120423BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:39:51 AM

Quant Time: Jun 11 04:06:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	42547	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	177437	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	132785	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	326644	20.00	ng		0.00
76) Chrysene-d12	21.76	240	321248	20.00	ng		0.00
87) Perylene-d12	25.08	264	349402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	370696	157.11	ng		0.00
7) Phenol-d6	7.26	99	553630	151.93	ng		0.00
23) Nitrobenzene-d5	9.28	82	370917	92.80	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	289542	146.88	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	894117	96.97	ng		0.00
79) Terphenyl-d14	20.08	244	1480792	97.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	36569	34.154	ng		98
3) Pyridine	3.91	79	107493	33.929	ng		92
4) n-Nitrosodimethylamine	3.83	42	62849	42.743	ng		92
6) Aniline	7.43	93	84576	17.388	ng		98
8) 2-Chlorophenol	7.67	128	133625	47.503	ng		97
9) Benzaldehyde	7.24	77	44769	20.595	ng		87
10) Phenol	7.28	94	180794	46.273	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	117557	41.475	ng		98
12) 1,3-Dichlorobenzene	7.99	146	137752	41.001	ng		97
13) 1,4-Dichlorobenzene	8.14	146	141911	41.729	ng		94
14) 1,2-Dichlorobenzene	8.46	146	138544	41.958	ng		100
15) Benzyl Alcohol	8.34	79	150989	44.792	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	183000	39.511	ng		97
17) 2-Methylphenol	8.54	107	130775	46.228	ng		95
18) Hexachloroethane	9.19	117	52870	40.337	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	116473	41.534	ng		96
20) 3+4-Methylphenols	8.87	107	179200	45.730	ng		98
22) Acetophenone	8.94	105	221124	44.426	ng	#	97
24) Nitrobenzene	9.33	77	183544	45.062	ng		99
25) Isophorone	9.84	82	336015	44.175	ng		100
26) 2-Nitrophenol	10.04	139	81143	48.323	ng		95
27) 2,4-Dimethylphenol	10.08	122	143301	51.672	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	177039	43.124	ng		99
29) 2,4-Dichlorophenol	10.57	162	162913	46.260	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	177105	44.207	ng		92
31) Naphthalene	10.98	128	435761	45.741	ng		99
32) Benzoic acid	10.24	122	90543m	43.006	ng		
33) 4-Chloroaniline	11.09	127	42244	9.557	ng		98
34) Hexachlorobutadiene	11.24	225	127372	41.552	ng		94
35) Caprolactam	11.88	113	51194m	44.021	ng		
36) 4-Chloro-3-methylphenol	12.20	107	184793	45.946	ng		96
37) 2-Methylnaphthalene	12.57	142	333929	45.511	ng		99
38) 1-Methylnaphthalene	12.79	142	318718	46.096	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	248148	46.366	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	289496	98.504	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	155189	44.823	ng		93
44) 2,4,5-Trichlorophenol	13.25	196	168735	46.211	ng		98
46) 1,1'-Biphenyl	13.57	154	458412	46.639	ng		100
47) 2-Chloronaphthalene	13.62	162	376791	44.654	ng		98
48) 2-Nitroaniline	13.83	65	132472	43.762	ng		99
49) Acenaphthylene	14.47	152	587680	46.275	ng		99
50) Dimethylphthalate	14.19	163	492884	43.850	ng		100
51) 2,6-Dinitrotoluene	14.32	165	109386	45.135	ng		98
52) Acenaphthene	14.81	154	345906	44.961	ng		98
53) 3-Nitroaniline	14.65	138	50541	20.855	ng		94
54) 2,4-Dinitrophenol	14.85	184	108750	84.185	ng		97
55) Dibenzofuran	15.14	168	598213	46.211	ng		99
56) 4-Nitrophenol	14.95	139	158956	95.627	ng		96
57) 2,4-Dinitrotoluene	15.10	165	157786	46.091	ng		99
58) Fluorene	15.78	166	460200	44.638	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	169747	47.304	ng		100
60) Diethylphthalate	15.54	149	496425	43.276	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	296212	44.204	ng		96
62) 4-Nitroaniline	15.82	138	104684	40.803	ng		98
63) Azobenzene	16.06	77	464008	44.505	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	90183	50.892	ng		98
66) n-Nitrosodiphenylamine	15.99	169	422582	46.021	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	190470	43.208	ng		99
68) Hexachlorobenzene	16.77	284	199127	42.421	ng		100
69) Atrazine	16.93	200	180326	50.896	ng		99
70) Pentachlorophenol	17.12	266	214262	84.931	ng		96
71) Phenanthrene	17.53	178	780067	45.848	ng		99
72) Anthracene	17.61	178	799861	47.665	ng		99
73) Carbazole	17.88	167	678594	47.129	ng		98
74) Di-n-butylphthalate	18.42	149	806181	45.049	ng		99
75) Fluoranthene	19.52	202	996384	47.412	ng		98
77) Benzidine	19.71	184	146240	19.083	ng		96
78) Pyrene	19.89	202	990204	47.416	ng		100
80) Butylbenzylphthalate	20.75	149	376945	46.383	ng		98
81) Benzo(a)anthracene	21.74	228	958641	44.829	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	152113	20.224	ng	#	99
83) Chrysene	21.81	228	940586	45.963	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	523590	45.767	ng		98
85) Di-n-octyl phthalate	22.85	149	884588	46.427	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1104275	44.052	ng	#	99
88) Benzo(b)fluoranthene	24.02	252	969316	45.739	ng		100
89) Benzo(k)fluoranthene	24.10	252	970424	46.274	ng		99
90) Benzo(a)pyrene	24.93	252	959913	47.476	ng		97
91) Dibenzo(a,h)anthracene	28.98	278	911513	45.117	ng		99
92) Benzo(g,h,i)perylene	30.12	276	863273	43.982	ng		98

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

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