Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041203.D
Acq On : 12 Jun 2019 13:07
Operator : HP/JU
Sample : PB120526BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120526BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:33 AM

Quant Time: Jun 13 07:31:57 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	8.11	152	40956	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	164972	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	123522	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	308599	20.00	ng		0.00
76) Chrysene-d12	21.76	240	307567	20.00	ng		0.00
87) Perylene-d12	25.09	264	306522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	347666	153.07	ng		0.00
7) Phenol-d6	7.25	99	521266	148.60	ng		0.00
23) Nitrobenzene-d5	9.29	82	349294	93.99	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	276604	150.84	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	823436	96.00	ng		0.00
79) Terphenyl-d14	20.07	244	1420251	98.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	34642	33.612	ng		95
3) Pyridine	3.90	79	99168	32.517	ng		97
4) n-Nitrosodimethylamine	3.83	42	59719	42.192	ng		94
6) Aniline	7.43	93	80413	17.175	ng		97
8) 2-Chlorophenol	7.67	128	124560	46.001	ng		97
9) Benzaldehyde	7.24	77	43359	20.721	ng		93
10) Phenol	7.28	94	171524	45.606	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	110008	40.319	ng		96
12) 1,3-Dichlorobenzene	7.99	146	130764	40.433	ng		97
13) 1,4-Dichlorobenzene	8.14	146	133484	40.776	ng		97
14) 1,2-Dichlorobenzene	8.46	146	130601	41.089	ng		97
15) Benzyl Alcohol	8.35	79	138824	42.783	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	167708	37.616	ng		97
17) 2-Methylphenol	8.54	107	119466	43.871	ng		96
18) Hexachloroethane	9.19	117	51554	40.861	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	106036	39.281	ng		97
20) 3+4-Methylphenols	8.87	107	161801	42.894	ng		98
22) Acetophenone	8.93	105	208630	45.082	ng		96
24) Nitrobenzene	9.33	77	172457	45.539	ng		96
25) Isophorone	9.84	82	307730	43.513	ng		99
26) 2-Nitrophenol	10.03	139	76096	48.742	ng	#	91
27) 2,4-Dimethylphenol	10.08	122	129510	50.228	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	162758	42.641	ng		98
29) 2,4-Dichlorophenol	10.57	162	151627	46.308	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	165150	44.338	ng		99
31) Naphthalene	10.98	128	405861	45.821	ng		98
32) Benzoic acid	10.23	122	77759m	40.345	ng		
33) 4-Chloroaniline	11.09	127	48374	11.770	ng		95
34) Hexachlorobutadiene	11.24	225	120581	42.308	ng		98
35) Caprolactam	11.88	113	46577	43.077	ng		87
36) 4-Chloro-3-methylphenol	12.20	107	168685	45.109	ng		95
37) 2-Methylnaphthalene	12.57	142	310819	45.562	ng		99
38) 1-Methylnaphthalene	12.79	142	293453	45.649	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	231713	46.542	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	252892	93.003 ng	95
43) 2,4,6-Trichlorophenol	13.17	196	146770	45.571 ng	99
44) 2,4,5-Trichlorophenol	13.25	196	158925	46.788 ng	97
46) 1,1'-Biphenyl	13.57	154	425176	46.501 ng	98
47) 2-Chloronaphthalene	13.62	162	353999	45.099 ng	99
48) 2-Nitroaniline	13.83	65	124926	44.364 ng	97
49) Acenaphthylene	14.46	152	544795	46.115 ng	100
50) Dimethylphthalate	14.19	163	449594	42.998 ng	99
51) 2,6-Dinitrotoluene	14.32	165	101642	45.085 ng	98
52) Acenaphthene	14.80	154	318259	44.470 ng	98
53) 3-Nitroaniline	14.65	138	54760	24.291 ng	99
54) 2,4-Dinitrophenol	14.86	184	78731	70.733 ng	94
55) Dibenzofuran	15.13	168	550756	45.735 ng	98
56) 4-Nitrophenol	14.95	139	142421	92.105 ng	90
57) 2,4-Dinitrotoluene	15.10	165	145158	45.582 ng	98
58) Fluorene	15.78	166	431715	45.016 ng	95
59) 2,3,4,6-Tetrachlorophenol	15.36	232	159207	47.694 ng	99
60) Diethylphthalate	15.54	149	459319	43.044 ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	276819	44.408 ng	94
62) 4-Nitroaniline	15.81	138	99059	41.506 ng	95
63) Azobenzene	16.06	77	425929	43.917 ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	76077	46.362 ng	97
66) n-Nitrosodiphenylamine	15.98	169	396337	45.687 ng	98
67) 4-Bromophenyl-phenylether	16.66	248	180309	43.295 ng	95
68) Hexachlorobenzene	16.77	284	188850	42.585 ng	97
69) Atrazine	16.92	200	165884	49.557 ng	95
70) Pentachlorophenol	17.12	266	204516	85.764 ng	98
71) Phenanthrene	17.52	178	734136	45.671 ng	99
72) Anthracene	17.62	178	749665	47.286 ng	99
73) Carbazole	17.89	167	650983	47.855 ng	97
74) Di-n-butylphthalate	18.42	149	762733	45.113 ng	99
75) Fluoranthene	19.53	202	944251	47.558 ng	99
77) Benzidine	19.71	184	151261	20.616 ng	94
78) Pyrene	19.89	202	948170	47.423 ng	99
80) Butylbenzylphthalate	20.76	149	355597	45.702 ng	98
81) Benzo(a)anthracene	21.74	228	914132	44.649 ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	170745	23.711 ng	97
83) Chrysene	21.81	228	888991	45.374 ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	495878	45.273 ng	100
85) Di-n-octyl phthalate	22.84	149	845318	46.340 ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	883779	36.824 ng	95
88) Benzo(b)fluoranthene	24.02	252	919996	49.484 ng	99
89) Benzo(k)fluoranthene	24.09	252	901439	48.997 ng	99
90) Benzo(a)pyrene	24.93	252	867708	48.919 ng	98
91) Dibenzo(a,h)anthracene	28.97	278	718543	40.541 ng	99
92) Benzo(g,h,i)perylene	30.12	276	625013	36.298 ng	97

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

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