Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040991.D
Acq On : 1 Jun 2019 00:57
Operator : HP/JU
Sample : PB119943BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119943BSD

Manual Integrations APPROVED
mohammad
6/3/2019 8:50:24 AM

Quant Time: Jun 01 05:59:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64368	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	256335	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	192100	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	497299	20.00	ng		0.00
76) Chrysene-d12	21.78	240	500490	20.00	ng		0.00
87) Perylene-d12	25.12	264	446765	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	450941	126.33	ng		0.00
7) Phenol-d6	7.27	99	613339	111.25	ng		0.00
23) Nitrobenzene-d5	9.30	82	484090	83.84	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	332071	116.44	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1051243	78.81	ng		0.00
79) Terphenyl-d14	20.09	244	1941504	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	51144	31.574	ng		95
3) Pyridine	3.92	79	141180	29.455	ng		95
4) n-Nitrosodimethylamine	3.85	42	80756	36.303	ng		93
6) Aniline	7.44	93	161425	21.937	ng		96
8) 2-Chlorophenol	7.68	128	158563	37.259	ng		97
9) Benzaldehyde	7.26	77	43882	13.344	ng		91
10) Phenol	7.29	94	210922	35.683	ng		100
11) bis(2-Chloroethyl)ether	7.54	93	145635	33.963	ng		99
12) 1,3-Dichlorobenzene	8.01	146	171558	33.753	ng		98
13) 1,4-Dichlorobenzene	8.16	146	176200	34.247	ng		98
14) 1,2-Dichlorobenzene	8.48	146	164033	32.836	ng		96
15) Benzyl Alcohol	8.36	79	176476	34.605	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	235388	33.593	ng		97
17) 2-Methylphenol	8.55	107	149225	34.867	ng		98
18) Hexachloroethane	9.20	117	65375	32.969	ng		92
19) n-Nitroso-di-n-propylamine	8.93	70	139588	32.902	ng		97
20) 3+4-Methylphenols	8.88	107	203787	34.375	ng		97
22) Acetophenone	8.95	105	261840	36.414	ng	#	96
24) Nitrobenzene	9.35	77	216463	36.786	ng		100
25) Isophorone	9.86	82	386973	35.216	ng		97
26) 2-Nitrophenol	10.06	139	93901	38.709	ng		96
27) 2,4-Dimethylphenol	10.09	122	163848	40.897	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	208210	35.106	ng		97
29) 2,4-Dichlorophenol	10.58	162	183286	36.026	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	201237	34.770	ng		98
31) Naphthalene	11.00	128	489040	35.533	ng		98
32) Benzoic acid	10.23	122	97390	34.097	ng		98
33) 4-Chloroaniline	11.10	127	114076	17.864	ng		97
34) Hexachlorobutadiene	11.25	225	149201	33.692	ng		97
35) Caprolactam	11.89	113	58501m	34.821	ng		
36) 4-Chloro-3-methylphenol	12.21	107	206384	35.520	ng		97
37) 2-Methylnaphthalene	12.59	142	370900	34.991	ng		96
38) 1-Methylnaphthalene	12.81	142	354607	35.501	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	271179	35.024	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	288908	70.505 ng	96
43) 2,4,6-Trichlorophenol	13.19	196	173471	34.633 ng	97
44) 2,4,5-Trichlorophenol	13.26	196	183136	34.668 ng	96
46) 1,1'-Biphenyl	13.59	154	500420	35.192 ng	97
47) 2-Chloronaphthalene	13.63	162	411329	33.695 ng	99
48) 2-Nitroaniline	13.84	65	151897	34.685 ng	93
49) Acenaphthylene	14.48	152	644921	35.102 ng	98
50) Dimethylphthalate	14.20	163	551667	33.925 ng	99
51) 2,6-Dinitrotoluene	14.33	165	120395	34.339 ng	98
52) Acenaphthene	14.82	154	375171	33.708 ng	95
53) 3-Nitroaniline	14.66	138	83813	23.906 ng	94
54) 2,4-Dinitrophenol	14.87	184	148058	80.722 ng	95
55) Dibenzofuran	15.15	168	655364	34.994 ng	97
56) 4-Nitrophenol	14.96	139	189723	78.894 ng	88
57) 2,4-Dinitrotoluene	15.12	165	177980	35.937 ng	99
58) Fluorene	15.80	166	523749	35.116 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	198555	38.247 ng	98
60) Diethylphthalate	15.56	149	564455	34.013 ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	329593	33.998 ng	96
62) 4-Nitroaniline	15.83	138	125328	33.766 ng	98
63) Azobenzene	16.08	77	534340	35.426 ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	107125	41.596 ng	98
66) n-Nitrosodiphenylamine	16.00	169	480345	34.360 ng	99
67) 4-Bromophenyl-phenylether	16.68	248	219964	32.775 ng	96
68) Hexachlorobenzene	16.79	284	225730	31.586 ng	98
69) Atrazine	16.94	200	202438	37.529 ng	99
70) Pentachlorophenol	17.14	266	278589	73.155 ng	98
71) Phenanthrene	17.54	178	904824	34.931 ng	99
72) Anthracene	17.63	178	919938	36.008 ng	99
73) Carbazole	17.90	167	815363	37.195 ng	99
74) Di-n-butylphthalate	18.43	149	969982	35.602 ng	99
75) Fluoranthene	19.54	202	1181958	36.942 ng	100
77) Benzidine	19.72	184	383667	32.135 ng	99
78) Pyrene	19.90	202	1193167	36.673 ng	99
80) Butylbenzylphthalate	20.77	149	450900	35.612 ng	99
81) Benzo(a)anthracene	21.75	228	1154297	34.647 ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	304783	26.010 ng	99
83) Chrysene	21.82	228	1135209	35.607 ng	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	613423	34.417 ng	100
85) Di-n-octyl phthalate	22.87	149	1028441	34.646 ng	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1355440	34.706 ng	99
88) Benzo(b)fluoranthene	24.05	252	1176330	43.410 ng	99
89) Benzo(k)fluoranthene	24.12	252	1146103	42.741 ng	98
90) Benzo(a)pyrene	24.96	252	1142421	44.189 ng	96
91) Dibenzo(a,h)anthracene	29.02	278	1121971	43.432 ng	99
92) Benzo(g,h,i)perylene	30.17	276	1124706	44.814 ng	97

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

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