Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
Data File : BG039319.D
Acq On : 29 Jan 2019 16:24
Operator : JU/SJ
Sample : PB116679BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116679BSD

Manual Integrations APPROVED
mohammad
1/30/2019 11:09:44 AM

Quant Time: Jan 30 03:00:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40833	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	177523	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	118986	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	296085	20.00	ng		0.00
76) Chrysene-d12	21.85	240	291288	20.00	ng		0.00
87) Perylene-d12	25.24	264	301802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	270270	113.28	ng		0.00
7) Phenol-d6	7.32	99	389517	110.92	ng		0.00
23) Nitrobenzene-d5	9.36	82	318403	112.05	ng		0.00
42) 2,4,6-Tribromophenol	16.30	330	145072	113.22	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	822467	99.16	ng		0.00
79) Terphenyl-d14	20.15	244	1194743	86.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	34659	33.211	ng		98
3) Pyridine	4.02	79	108695	39.339	ng		96
4) n-Nitrosodimethylamine	3.93	42	67965	49.185	ng		93
6) Aniline	7.51	93	154789	35.189	ng		98
8) 2-Chlorophenol	7.74	128	140628	53.924	ng		99
9) Benzaldehyde	7.32	77	107451	88.383	ng		95
10) Phenol	7.35	94	195403	53.377	ng		99
11) bis(2-Chloroethyl)ether	7.60	93	131620	45.501	ng		99
12) 1,3-Dichlorobenzene	8.07	146	138606	43.873	ng		97
13) 1,4-Dichlorobenzene	8.22	146	142539	45.266	ng		97
14) 1,2-Dichlorobenzene	8.54	146	135222	44.359	ng		99
15) Benzyl Alcohol	8.42	79	140184	50.845	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.71	45	289035	44.246	ng		98
17) 2-Methylphenol	8.61	107	129313	54.585	ng		98
18) Hexachloroethane	9.27	117	48375	44.653	ng		92
19) n-Nitroso-di-n-propylamine	8.99	70	115685	46.412	ng		98
20) 3+4-Methylphenols	8.94	107	176132	53.991	ng		98
22) Acetophenone	9.02	105	210805	44.207	ng	#	96
24) Nitrobenzene	9.40	77	161255	52.527	ng		97
25) Isophorone	9.93	82	330415	52.471	ng		98
26) 2-Nitrophenol	10.12	139	66467	53.345	ng		96
27) 2,4-Dimethylphenol	10.15	122	152602	59.907	ng		96
28) bis(2-Chloroethoxy)methane	10.40	93	196684	50.709	ng		97
29) 2,4-Dichlorophenol	10.64	162	156149	56.087	ng		96
30) 1,2,4-Trichlorobenzene	10.86	180	146288	46.802	ng		99
31) Naphthalene	11.06	128	442790	50.278	ng		98
32) Benzoic acid	10.28	122	95863	55.690	ng		99
33) 4-Chloroaniline	11.16	127	68294	16.725	ng		96
34) Hexachlorobutadiene	11.33	225	92598	44.547	ng		94
35) Caprolactam	11.95	113	55198m	47.912	ng		
36) 4-Chloro-3-methylphenol	12.26	107	176852	54.927	ng		98
37) 2-Methylnaphthalene	12.65	142	338533	51.900	ng		98
38) 1-Methylnaphthalene	12.87	142	326421	51.915	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	179213	47.338	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	239720	116.203 ng	99
43) 2,4,6-Trichlorophenol	13.24	196	127804	54.906 ng	99
44) 2,4,5-Trichlorophenol	13.31	196	137754	56.465 ng	97
46) 1,1'-Biphenyl	13.65	154	463370	46.805 ng	99
47) 2-Chloronaphthalene	13.70	162	345638	46.410 ng	99
48) 2-Nitroaniline	13.90	65	115925	53.117 ng	99
49) Acenaphthylene	14.54	152	580444	51.652 ng	99
50) Dimethylphthalate	14.26	163	487858	50.767 ng	100
51) 2,6-Dinitrotoluene	14.39	165	98967	54.133 ng	94
52) Acenaphthene	14.87	154	356030	48.807 ng	97
53) 3-Nitroaniline	14.71	138	47888	27.521 ng	90
54) 2,4-Dinitrophenol	14.91	184	84945	96.902 ng	95
55) Dibenzofuran	15.21	168	571140	48.833 ng	100
56) 4-Nitrophenol	15.00	139	192814	108.727 ng	95
57) 2,4-Dinitrotoluene	15.17	165	135250	57.030 ng	94
58) Fluorene	15.85	166	462683	53.068 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.42	232	141902	62.122 ng	99
60) Diethylphthalate	15.61	149	508455	51.174 ng	99
61) 4-Chlorophenyl-phenylether	15.84	204	238140	48.238 ng	98
62) 4-Nitroaniline	15.88	138	109152	53.626 ng	96
63) Azobenzene	16.13	77	476974	49.115 ng	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	63830	52.658 ng	93
66) n-Nitrosodiphenylamine	16.05	169	431559	47.935 ng	97
67) 4-Bromophenyl-phenylether	16.74	248	156693	47.703 ng	98
68) Hexachlorobenzene	16.85	284	160494	48.700 ng	94
69) Atrazine	17.00	200	171075	51.998 ng	98
70) Pentachlorophenol	17.19	266	216349	94.456 ng	100
71) Phenanthrene	17.60	178	790676	51.596 ng	100
72) Anthracene	17.69	178	806009	53.397 ng	97
73) Carbazole	17.96	167	715841	47.519 ng	100
74) Di-n-butylphthalate	18.50	149	877936	49.955 ng	99
75) Fluoranthene	19.60	202	933161	52.463 ng	99
77) Benzidine	19.77	184	373275	39.086 ng	98
78) Pyrene	19.96	202	936754	51.659 ng	99
80) Butylbenzylphthalate	20.84	149	394580	51.583 ng	99
81) Benzo(a)anthracene	21.83	228	918273	53.351 ng	99
82) 3,3'-Dichlorobenzidine	21.74	252	159594	25.006 ng	98
83) Chrysene	21.90	228	858510	52.397 ng	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	557794	51.113 ng	100
85) Di-n-octyl phthalate	22.99	149	953568	52.890 ng	100
86) Indeno(1,2,3-cd)pyrene	29.15	276	993572	56.519 ng	98
88) Benzo(b)fluoranthene	24.16	252	902518	54.834 ng	99
89) Benzo(k)fluoranthene	24.24	252	862561	52.199 ng	100
90) Benzo(a)pyrene	25.08	252	872116	55.019 ng	98
91) Dibenzo(a,h)anthracene	29.24	278	803203	54.107 ng	99
92) Benzo(g,h,i)perylene	30.39	276	826483	55.858 ng	98

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

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