Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040233.D
Acq On : 29 Mar 2019 19:56
Operator : JU/SJ
Sample : PB118167BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118167BS

Manual Integrations APPROVED
Sohil
4/1/2019 10:06:04 AM

Quant Time: Mar 30 04:43:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50334	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	211645	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	140181	20.00	ng		-0.02
64) Phenanthrene-d10	17.44	188	359112	20.00	ng		-0.01
76) Chrysene-d12	21.71	240	356421	20.00	ng		-0.02
87) Perylene-d12	24.99	264	368547	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	420709	138.95	ng		-0.01
7) Phenol-d6	7.21	99	573627	137.09	ng		-0.01
23) Nitrobenzene-d5	9.23	82	342936	86.13	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	223459	147.50	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	810564	85.68	ng		-0.01
79) Terphenyl-d14	20.03	244	1341881	84.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	54299	38.139	ng	#	96
3) Pyridine	3.90	79	139539	36.402	ng		98
4) n-Nitrosodimethylamine	3.82	42	65728	37.069	ng	#	92
6) Aniline	7.38	93	159105	29.266	ng		96
8) 2-Chlorophenol	7.62	128	144102	40.657	ng		99
9) Benzaldehyde	7.20	77	117815	41.046	ng		97
10) Phenol	7.24	94	195287	42.997	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	136700	37.578	ng		96
12) 1,3-Dichlorobenzene	7.94	146	145914	37.872	ng		95
13) 1,4-Dichlorobenzene	8.09	146	147415	38.415	ng		99
14) 1,2-Dichlorobenzene	8.41	146	140540	38.298	ng		96
15) Benzyl Alcohol	8.30	79	129220	38.345	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	257534	36.888	ng		99
17) 2-Methylphenol	8.49	107	133937	42.616	ng		99
18) Hexachloroethane	9.14	117	53590	36.714	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	110680	36.892	ng		99
20) 3+4-Methylphenols	8.82	107	184205	43.265	ng		97
22) Acetophenone	8.89	105	215969	40.907	ng	#	97
24) Nitrobenzene	9.27	77	164277	39.842	ng		94
25) Isophorone	9.79	82	321235	39.210	ng		99
26) 2-Nitrophenol	9.98	139	80231	41.065	ng		99
27) 2,4-Dimethylphenol	10.03	122	152060	48.998	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	194816	40.192	ng		99
29) 2,4-Dichlorophenol	10.51	162	152561	45.290	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	150342	40.646	ng		98
31) Naphthalene	10.93	128	445152	41.034	ng		98
32) Benzoic acid	10.13	122	15762m	8.406	ng		
33) 4-Chloroaniline	11.04	127	118688	25.649	ng		98
34) Hexachlorobutadiene	11.18	225	89806	37.964	ng		98
35) Caprolactam	11.84	113	63278	47.336	ng	#	88
36) 4-Chloro-3-methylphenol	12.15	107	168227	43.441	ng		98
37) 2-Methylnaphthalene	12.52	142	340803	42.477	ng		98
38) 1-Methylnaphthalene	12.74	142	323485	41.578	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	172554	38.729	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	229872	93.965	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	125578	43.716	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	135994	43.434	ng	96
46) 1,1'-Biphenyl	13.52	154	440945	39.810	ng	99
47) 2-Chloronaphthalene	13.57	162	340779	40.110	ng	99
48) 2-Nitroaniline	13.78	65	115671	40.363	ng	96
49) Acenaphthylene	14.42	152	580870	40.324	ng	99
50) Dimethylphthalate	14.14	163	460736	41.995	ng	99
51) 2,6-Dinitrotoluene	14.27	165	103300	41.934	ng	99
52) Acenaphthene	14.76	154	338639	41.026	ng	99
53) 3-Nitroaniline	14.60	138	69981	26.837	ng	92
54) 2,4-Dinitrophenol	14.81	184	96499	73.658	ng	96
55) Dibenzofuran	15.09	168	553393	41.723	ng	99
56) 4-Nitrophenol	14.91	139	183771	87.321	ng	96
57) 2,4-Dinitrotoluene	15.06	165	147304	43.034	ng	98
58) Fluorene	15.74	166	440165	42.210	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	136315	47.977	ng	99
60) Diethylphthalate	15.49	149	494231	44.023	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	237387	42.588	ng	97
62) 4-Nitroaniline	15.77	138	123827	44.249	ng	99
63) Azobenzene	16.01	77	446154	42.131	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	79117	39.214	ng	98
66) n-Nitrosodiphenylamine	15.94	169	420736	40.037	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	159733	39.526	ng	95
68) Hexachlorobenzene	16.73	284	162763	40.057	ng	98
69) Atrazine	16.88	200	156256	39.972	ng	100
70) Pentachlorophenol	17.08	266	182240	77.577	ng	96
71) Phenanthrene	17.48	178	776903	41.159	ng	99
72) Anthracene	17.57	178	798145	42.246	ng	100
73) Carbazole	17.84	167	735868	41.156	ng	100
74) Di-n-butylphthalate	18.38	149	866206	40.870	ng	100
75) Fluoranthene	19.49	202	938329	41.981	ng	99
77) Benzidine	19.67	184	586134	45.540	ng	99
78) Pyrene	19.84	202	940813	40.139	ng	98
80) Butylbenzylphthalate	20.71	149	400490	39.930	ng	96
81) Benzo(a)anthracene	21.69	228	853640	38.884	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	173923	20.826	ng	96
83) Chrysene	21.76	228	834664	39.560	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	563803	39.325	ng	100
85) Di-n-octyl phthalate	22.78	149	970232	39.720	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1044026	40.458	ng	100
88) Benzo(b)fluoranthene	23.95	252	937250	41.538	ng	98
89) Benzo(k)fluoranthene	24.02	252	867626	41.813	ng	98
90) Benzo(a)pyrene	24.84	252	899112	42.469	ng	99
91) Dibenzo(a,h)anthracene	28.83	278	843948	42.922	ng	98
92) Benzo(g,h,i)perylene	29.96	276	872745	43.190	ng	99

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

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