Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043828.D
Acq On : 17 Dec 2019 20:38
Operator : JU
Sample : K6294-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
12/18/2019 2:40:50 PM

Quant Time: Dec 18 02:28:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	115008	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	514681	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	382840	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	922143	20.00	ng		0.00
76) Chrysene-d12	21.63	240	782141	20.00	ng		0.00
87) Perylene-d12	24.79	264	891353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	789138	130.01	ng		0.00
7) Phenol-d6	7.17	99	1163343	132.89	ng		0.01
23) Nitrobenzene-d5	9.15	82	657691	71.75	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	478868	131.20	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1526926	70.06	ng		0.00
79) Terphenyl-d14	19.98	244	2409829	74.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	99642	35.449	ng		97
3) Pyridine	3.88	79	255634	32.911	ng		98
4) n-Nitrosodimethylamine	3.79	42	135903	36.492	ng		100
6) Aniline	7.32	93	176593	15.246	ng		97
8) 2-Chlorophenol	7.57	128	324592	45.887	ng		97
9) Benzaldehyde	7.13	77	108538	18.598	ng		95
10) Phenol	7.20	94	448203	49.592	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	298262	38.893	ng		95
12) 1,3-Dichlorobenzene	7.89	146	322499	38.045	ng		98
13) 1,4-Dichlorobenzene	8.04	146	326232	38.501	ng		99
14) 1,2-Dichlorobenzene	8.35	146	306494	37.543	ng		98
15) Benzyl Alcohol	8.24	79	296213	42.520	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	452324	36.802	ng		98
17) 2-Methylphenol	8.44	107	292260	45.302	ng		99
18) Hexachloroethane	9.09	117	118934	38.628	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	251422	37.568	ng		98
20) 3+4-Methylphenols	8.77	107	407634	45.377	ng		99
22) Acetophenone	8.82	105	464473	36.186	ng	#	99
24) Nitrobenzene	9.20	77	355523	38.077	ng		99
25) Isophorone	9.72	82	690051	37.693	ng		99
26) 2-Nitrophenol	9.91	139	175593	48.081	ng		94
27) 2,4-Dimethylphenol	9.98	122	288049	44.526	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	431676	36.837	ng		99
29) 2,4-Dichlorophenol	10.45	162	357851	45.045	ng		100
30) 1,2,4-Trichlorobenzene	10.67	180	342055	36.373	ng		99
31) Naphthalene	10.85	128	966493	39.136	ng		99
32) Benzoic acid	10.11	122	201482	45.299	ng		95
33) 4-Chloroaniline	10.96	127	117471	9.811	ng		98
34) Hexachlorobutadiene	11.15	225	203816	35.769	ng		99
35) Caprolactam	11.72	113	136946m	43.924	ng		
36) 4-Chloro-3-methylphenol	12.08	107	394043	46.073	ng		99
37) 2-Methylnaphthalene	12.46	142	760903	39.752	ng		99
38) 1-Methylnaphthalene	12.68	142	726265	39.901	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	404346	35.148	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	450202	83.376 ng	100
43) 2,4,6-Trichlorophenol	13.06	196	315200	43.108 ng	99
44) 2,4,5-Trichlorophenol	13.14	196	345958	45.162 ng	99
46) 1,1'-Biphenyl	13.47	154	999841	37.882 ng	100
47) 2-Chloronaphthalene	13.51	162	799724	37.064 ng	99
48) 2-Nitroaniline	13.70	65	266092	41.816 ng	97
49) Acenaphthylene	14.35	152	1300435	40.459 ng	99
50) Dimethylphthalate	14.08	163	1169045	42.783 ng	100
51) 2,6-Dinitrotoluene	14.19	165	257439	43.718 ng	98
52) Acenaphthene	14.69	154	919404	43.481 ng	96
53) 3-Nitroaniline	14.52	138	113339	16.819 ng	96
54) 2,4-Dinitrophenol	14.73	184	264000	99.494 ng	93
55) Dibenzofuran	15.03	168	1264109	40.387 ng	99
56) 4-Nitrophenol	14.83	139	472552	96.122 ng	98
57) 2,4-Dinitrotoluene	14.98	165	363787	45.720 ng	94
58) Fluorene	15.68	166	1035845	41.059 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	318772m	46.379 ng	
60) Diethylphthalate	15.45	149	1082297	39.653 ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	556310	39.374 ng	98
62) 4-Nitroaniline	15.69	138	279723	40.062 ng	99
63) Azobenzene	15.96	77	1012674	40.386 ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	187014	51.662 ng	97
66) n-Nitrosodiphenylamine	15.88	169	990541	38.648 ng	100
67) 4-Bromophenyl-phenylether	16.56	248	367268	37.253 ng	97
68) Hexachlorobenzene	16.69	284	375679	35.928 ng	98
69) Atrazine	16.83	200	347625	42.546 ng	99
70) Pentachlorophenol	17.02	266	491616	88.385 ng	98
71) Phenanthrene	17.41	178	1696209	38.855 ng	100
72) Anthracene	17.50	178	1720051	39.804 ng	99
73) Carbazole	17.77	167	1608952	39.831 ng	99
74) Di-n-butylphthalate	18.34	149	1814705	39.188 ng	99
75) Fluoranthene	19.42	202	1976724	39.564 ng	98
77) Benzidine	19.59	184	360706	21.139 ng	97
78) Pyrene	19.78	202	1999069	39.110 ng	99
80) Butylbenzylphthalate	20.68	149	888693	41.746 ng	97
81) Benzo(a)anthracene	21.61	228	1906461	38.620 ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	401520	22.018 ng	99
83) Chrysene	21.67	228	1850592	39.348 ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1233840	40.408 ng	99
85) Di-n-octyl phthalate	22.74	149	2076065	41.589 ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2187225	36.335 ng	97
88) Benzo(b)fluoranthene	23.79	252	2001820	39.006 ng	99
89) Benzo(k)fluoranthene	23.85	252	1908575	38.498 ng	99
90) Benzo(a)pyrene	24.64	252	1953044	39.933 ng	99
91) Dibenzo(a,h)anthracene	28.45	278	1808371	37.018 ng	99
92) Benzo(g,h,i)perylene	29.48	276	1800383	37.347 ng	99

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

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