Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040197.D
Acq On : 28 Mar 2019 13:02
Operator : JU/SJ
Sample : PB118345BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118345BS

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:23 PM

Quant Time: Mar 29 07:01:01 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	8.07	152	56499	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	233762	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	144287	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	365579	20.00	ng		0.00
76) Chrysene-d12	21.73	240	378602	20.00	ng		0.00
87) Perylene-d12	25.02	264	346116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	460204	135.41	ng		0.00
7) Phenol-d6	7.23	99	619054	131.80	ng		0.00
23) Nitrobenzene-d5	9.25	82	338485	76.97	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	219805	140.96	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	744594	76.47	ng		0.00
79) Terphenyl-d14	20.05	244	1278543	75.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	61718	38.620	ng		97
3) Pyridine	3.92	79	138715	32.239	ng		99
4) n-Nitrosodimethylamine	3.84	42	75351	37.859	ng	#	92
6) Aniline	7.40	93	175337	28.733	ng		99
8) 2-Chlorophenol	7.63	128	161465	40.585	ng		97
9) Benzaldehyde	7.21	77	48877	15.170	ng		96
10) Phenol	7.25	94	208837	40.963	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	158657	38.855	ng		97
12) 1,3-Dichlorobenzene	7.96	146	163281	37.755	ng		95
13) 1,4-Dichlorobenzene	8.10	146	167084	38.790	ng		98
14) 1,2-Dichlorobenzene	8.43	146	157342	38.198	ng		98
15) Benzyl Alcohol	8.31	79	140665	37.187	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	289527	36.945	ng		98
17) 2-Methylphenol	8.51	107	139383	39.510	ng		97
18) Hexachloroethane	9.15	117	60370	36.846	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	120846	35.885	ng		95
20) 3+4-Methylphenols	8.84	107	191594	40.090	ng		95
22) Acetophenone	8.90	105	237593	40.745	ng		97
24) Nitrobenzene	9.29	77	179477	39.410	ng		97
25) Isophorone	9.80	82	347445	38.396	ng		99
26) 2-Nitrophenol	10.00	139	84512	39.163	ng		99
27) 2,4-Dimethylphenol	10.04	122	158354	46.198	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	209488	39.130	ng		99
29) 2,4-Dichlorophenol	10.53	162	155676	41.842	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	165561	40.526	ng		99
31) Naphthalene	10.93	128	484050	40.398	ng		99
32) Benzoic acid	10.19	122	81625m	39.413	ng		
33) 4-Chloroaniline	11.05	127	126453	24.741	ng		99
34) Hexachlorobutadiene	11.20	225	101399	38.809	ng		96
35) Caprolactam	11.83	113	56610m	38.341	ng		
36) 4-Chloro-3-methylphenol	12.16	107	171754	40.155	ng		96
37) 2-Methylnaphthalene	12.53	142	354946	40.054	ng		99
38) 1-Methylnaphthalene	12.75	142	342288	39.833	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	179737	39.193	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	210746	83.695 ng	96
43) 2,4,6-Trichlorophenol	13.14	196	126802	42.886 ng	99
44) 2,4,5-Trichlorophenol	13.21	196	135804	42.139 ng	98
46) 1,1'-Biphenyl	13.54	154	452459	39.687 ng	96
47) 2-Chloronaphthalene	13.58	162	352960	40.362 ng	99
48) 2-Nitroaniline	13.80	65	116532	39.506 ng	96
49) Acenaphthylene	14.42	152	588584	39.697 ng	100
50) Dimethylphthalate	14.15	163	464988	41.177 ng	99
51) 2,6-Dinitrotoluene	14.28	165	106304	41.925 ng	98
52) Acenaphthene	14.77	154	341997	40.254 ng	95
53) 3-Nitroaniline	14.62	138	79271	29.535 ng	95
54) 2,4-Dinitrophenol	14.82	184	133797	99.221 ng	92
55) Dibenzofuran	15.10	168	558776	40.930 ng	98
56) 4-Nitrophenol	14.92	139	189287	87.382 ng	97
57) 2,4-Dinitrotoluene	15.07	165	151860	43.103 ng	96
58) Fluorene	15.75	166	442376	41.215 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	127668	43.655 ng	98
60) Diethylphthalate	15.51	149	490998	42.490 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	235562	41.058 ng	97
62) 4-Nitroaniline	15.78	138	120657	41.890 ng	96
63) Azobenzene	16.03	77	452301	41.496 ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	86354	42.044 ng	98
66) n-Nitrosodiphenylamine	15.95	169	418775	39.146 ng	99
67) 4-Bromophenyl-phenylether	16.63	248	155045	37.687 ng	98
68) Hexachlorobenzene	16.75	284	161508	39.045 ng	98
69) Atrazine	16.89	200	154174	38.742 ng	96
70) Pentachlorophenol	17.09	266	189319	79.164 ng	96
71) Phenanthrene	17.49	178	781774	40.685 ng	99
72) Anthracene	17.58	178	784746	40.802 ng	99
73) Carbazole	17.86	167	759759	41.740 ng	99
74) Di-n-butylphthalate	18.38	149	923611	42.808 ng	100
75) Fluoranthene	19.49	202	987804	43.413 ng	100
77) Benzidine	19.68	184	340216	24.885 ng	98
78) Pyrene	19.86	202	993262	39.894 ng	99
80) Butylbenzylphthalate	20.73	149	424725	39.866 ng	96
81) Benzo(a)anthracene	21.70	228	916324	39.294 ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	286934	32.345 ng	97
83) Chrysene	21.77	228	874100	39.002 ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	595042	39.072 ng	99
85) Di-n-octyl phthalate	22.80	149	1023580	39.449 ng	99
86) Indeno(1,2,3-cd)pyrene	28.83	276	1086571	39.640 ng	100
88) Benzo(b)fluoranthene	23.97	252	963357	45.462 ng	98
89) Benzo(k)fluoranthene	24.04	252	913512	46.878 ng	98
90) Benzo(a)pyrene	24.87	252	939417	47.249 ng	99
91) Dibenzo(a,h)anthracene	28.88	278	882901	47.813 ng	99
92) Benzo(g,h,i)perylene	30.02	276	911798	48.047 ng	99

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

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