Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040501.D
Acq On : 16 Apr 2019 13:13
Operator : JU/SJ
Sample : PB118911BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118911BS

Manual Integrations APPROVED
Sohil
4/17/2019 3:33:34 PM

Quant Time: Apr 17 04:47:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54989	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	225827	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	146876	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	386993	20.00	ng		0.00
76) Chrysene-d12	21.70	240	409344	20.00	ng		0.00
87) Perylene-d12	24.97	264	391757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	446746	135.06	ng		0.00
7) Phenol-d6	7.20	99	609887	133.41	ng		0.00
23) Nitrobenzene-d5	9.22	82	383077	90.17	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	242302	152.65	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	860423	86.80	ng		0.00
79) Terphenyl-d14	20.02	244	1498550	82.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	49992	32.142	ng		98
3) Pyridine	3.89	79	121707	29.063	ng		98
4) n-Nitrosodimethylamine	3.81	42	68567	35.396	ng	#	86
6) Aniline	7.37	93	185030	31.154	ng		97
8) 2-Chlorophenol	7.61	128	158358	40.897	ng		96
9) Benzaldehyde	7.19	77	67538	21.538	ng		95
10) Phenol	7.23	94	205954	41.507	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	147704	37.166	ng		99
12) 1,3-Dichlorobenzene	7.93	146	158886	37.747	ng		97
13) 1,4-Dichlorobenzene	8.08	146	159514	38.050	ng		98
14) 1,2-Dichlorobenzene	8.39	146	154004	38.414	ng		98
15) Benzyl Alcohol	8.29	79	138332	37.574	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292800	38.389	ng		99
17) 2-Methylphenol	8.48	107	141410	41.185	ng		94
18) Hexachloroethane	9.12	117	57289	35.926	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	121459	37.057	ng		99
20) 3+4-Methylphenols	8.81	107	195315	41.991	ng		98
22) Acetophenone	8.87	105	236893	42.053	ng	#	100
24) Nitrobenzene	9.26	77	180438	41.013	ng		99
25) Isophorone	9.78	82	351250	40.181	ng		98
26) 2-Nitrophenol	9.97	139	89204	42.790	ng		97
27) 2,4-Dimethylphenol	10.02	122	163206	49.287	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	206465	39.921	ng		99
29) 2,4-Dichlorophenol	10.50	162	159810	44.463	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	163987	41.551	ng		99
31) Naphthalene	10.91	128	488507	42.203	ng		100
32) Benzoic acid	10.17	122	49852m	24.917	ng		
33) 4-Chloroaniline	11.03	127	145879	29.545	ng		98
34) Hexachlorobutadiene	11.17	225	100327	39.748	ng		95
35) Caprolactam	11.81	113	59641	41.814	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	183692	44.455	ng		97
37) 2-Methylnaphthalene	12.51	142	362273	42.317	ng		97
38) 1-Methylnaphthalene	12.72	142	347633	41.876	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	187708	40.210	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	201214	78.501	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	127288	42.292	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	140215	42.741	ng	100
46) 1,1'-Biphenyl	13.51	154	472596	40.723	ng	98
47) 2-Chloronaphthalene	13.56	162	368977	41.449	ng	99
48) 2-Nitroaniline	13.77	65	131167	43.683	ng	98
49) Acenaphthylene	14.40	152	610700	40.463	ng	100
50) Dimethylphthalate	14.13	163	491739	42.778	ng	98
51) 2,6-Dinitrotoluene	14.26	165	110536	42.826	ng	98
52) Acenaphthene	14.74	154	356193	41.186	ng	98
53) 3-Nitroaniline	14.59	138	92406	33.822	ng	96
54) 2,4-Dinitrophenol	14.80	184	100955	73.547	ng	97
55) Dibenzofuran	15.07	168	594434	42.775	ng	98
56) 4-Nitrophenol	14.90	139	180110	81.680	ng	97
57) 2,4-Dinitrotoluene	15.05	165	166447	46.410	ng	99
58) Fluorene	15.72	166	469621	42.982	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	137131	46.064	ng	97
60) Diethylphthalate	15.47	149	527514	44.846	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	255582	43.762	ng	97
62) 4-Nitroaniline	15.76	138	133759	45.620	ng	97
63) Azobenzene	16.00	77	486334	43.832	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	87526	40.257	ng	97
66) n-Nitrosodiphenylamine	15.93	169	453610	40.056	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	170568	39.166	ng	97
68) Hexachlorobenzene	16.71	284	173458	39.613	ng	95
69) Atrazine	16.87	200	173578	41.204	ng	98
70) Pentachlorophenol	17.07	266	175193	69.204	ng	92
71) Phenanthrene	17.47	178	837174	41.157	ng	99
72) Anthracene	17.55	178	860214	42.251	ng	100
73) Carbazole	17.83	167	824184	42.774	ng	99
74) Di-n-butylphthalate	18.36	149	984868	43.121	ng	100
75) Fluoranthene	19.47	202	1059609	43.992	ng	100
77) Benzidine	19.66	184	391507	26.486	ng	97
78) Pyrene	19.83	202	1046650	38.881	ng	99
80) Butylbenzylphthalate	20.70	149	485793	42.173	ng	96
81) Benzo(a)anthracene	21.67	228	973643	38.616	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	292991	30.548	ng	99
83) Chrysene	21.74	228	962771	39.732	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	692023	42.027	ng	99
85) Di-n-octyl phthalate	22.76	149	1184840	42.234	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1104555	37.270	ng	100
88) Benzo(b)fluoranthene	23.92	252	1044861	43.563	ng	99
89) Benzo(k)fluoranthene	23.99	252	1016434	46.083	ng	99
90) Benzo(a)pyrene	24.82	252	1027264	45.648	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	934844	44.728	ng	99
92) Benzo(g,h,i)perylene	29.92	276	937689	43.654	ng	100

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

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