Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042684.D
Acq On : 3 Sep 2019 12:06
Operator : HP/JU
Sample : PB122722BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122722BS

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:21 AM

Quant Time: Sep 04 04:21:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30450	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	115610	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88695	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	210712	20.00	ng	0.00
76) Chrysene-d12	21.69	240	228518	20.00	ng	0.00
87) Perylene-d12	24.92	264	271141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	172320	114.61	ng	0.00
7) Phenol-d6	7.17	99	213063	104.91	ng	0.00
23) Nitrobenzene-d5	9.17	82	113814	68.03	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	155561	123.40	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	385576	73.52	ng	0.00
79) Terphenyl-d14	20.02	244	794058	75.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	23333	37.188	ng	100
3) Pyridine	3.82	79	51063	31.738	ng	97
4) n-Nitrosodimethylamine	3.74	42	23422	40.760	ng	97
6) Aniline	7.32	93	75579	27.902	ng	98
8) 2-Chlorophenol	7.57	128	79132	43.429	ng	99
9) Benzaldehyde	7.13	77	42004	41.312	ng	98
10) Phenol	7.19	94	83460	40.419	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	60690	37.424	ng	98
12) 1,3-Dichlorobenzene	7.89	146	92842	40.053	ng	99
13) 1,4-Dichlorobenzene	8.04	146	94761	40.359	ng	99
14) 1,2-Dichlorobenzene	8.36	146	90654	40.318	ng	97
15) Benzyl Alcohol	8.24	79	57572	39.403	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75898	34.531	ng	98
17) 2-Methylphenol	8.46	107	60896	40.040	ng	95
18) Hexachloroethane	9.09	117	31581	39.290	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	46865	35.620	ng	95
20) 3+4-Methylphenols	8.78	107	80396	38.201	ng	96
22) Acetophenone	8.83	105	106351	43.010	ng	98
24) Nitrobenzene	9.21	77	69908	41.265	ng	97
25) Isophorone	9.74	82	129437	39.203	ng	99
26) 2-Nitrophenol	9.93	139	46966	44.238	ng	94
27) 2,4-Dimethylphenol	9.99	122	71289	48.747	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	82450	39.621	ng	97
29) 2,4-Dichlorophenol	10.48	162	88883	46.453	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	106092	45.173	ng	95
31) Naphthalene	10.87	128	236857	44.128	ng	99
32) Benzoic acid	10.15	122	28180	30.201	ng	99
33) 4-Chloroaniline	10.99	127	65380	26.386	ng	98
34) Hexachlorobutadiene	11.16	225	71974	45.600	ng	97
35) Caprolactam	11.76	113	25134m	39.367	ng	
36) 4-Chloro-3-methylphenol	12.12	107	78768	43.366	ng	94
37) 2-Methylnaphthalene	12.49	142	193383	44.870	ng	99
38) 1-Methylnaphthalene	12.70	142	181238	44.272	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	135362	47.524	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	117044	78.228	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	83128	43.177	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	89509	44.864	ng		99
46) 1,1'-Biphenyl	13.49	154	256280	44.700	ng		96
47) 2-Chloronaphthalene	13.54	162	211965	42.876	ng		100
48) 2-Nitroaniline	13.74	65	44846	37.619	ng		96
49) Acenaphthylene	14.38	152	332765	44.741	ng		99
50) Dimethylphthalate	14.11	163	263900	41.236	ng		99
51) 2,6-Dinitrotoluene	14.23	165	64623	43.564	ng		95
52) Acenaphthene	14.72	154	196294	43.464	ng		98
53) 3-Nitroaniline	14.57	138	46698	31.477	ng		96
54) 2,4-Dinitrophenol	14.78	184	58369	60.065	ng		99
55) Dibenzofuran	15.06	168	337433	45.138	ng		100
56) 4-Nitrophenol	14.89	139	86086	81.663	ng		96
57) 2,4-Dinitrotoluene	15.02	165	91494	43.072	ng		97
58) Fluorene	15.71	166	275311	45.053	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91149m	46.198	ng		
60) Diethylphthalate	15.47	149	259805	41.529	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	162431	44.094	ng		98
62) 4-Nitroaniline	15.73	138	64828	40.830	ng		93
63) Azobenzene	15.99	77	177222	41.341	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	53722	40.665	ng		98
66) n-Nitrosodiphenylamine	15.91	169	256360	44.240	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	116131	43.450	ng		97
68) Hexachlorobenzene	16.72	284	124262	42.768	ng		98
69) Atrazine	16.86	200	96059	46.876	ng		98
70) Pentachlorophenol	17.07	266	119201	78.960	ng		98
71) Phenanthrene	17.46	178	475071	45.390	ng		98
72) Anthracene	17.54	178	488954	46.796	ng		99
73) Carbazole	17.81	167	421831	45.298	ng		97
74) Di-n-butylphthalate	18.37	149	478304	43.451	ng		100
75) Fluoranthene	19.47	202	617657	48.355	ng		97
77) Benzidine	19.64	184	262244	40.027	ng		98
78) Pyrene	19.82	202	630067	44.972	ng		99
80) Butylbenzylphthalate	20.71	149	224363	40.715	ng		96
81) Benzo(a)anthracene	21.67	228	625862	45.022	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	202890	36.290	ng		96
83) Chrysene	21.73	228	603609	45.024	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	321081	41.965	ng		98
85) Di-n-octyl phthalate	22.78	149	555476	42.212	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	782326	42.940	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	681916	45.747	ng	#	99
89) Benzo(k)fluoranthene	23.97	252	649348	45.320	ng	#	98
90) Benzo(a)pyrene	24.78	252	665904	47.077	ng		98
91) Dibenzo(a,h)anthracene	28.70	278	644825	45.024	ng		98
92) Benzo(g,h,i)perylene	29.80	276	636222	44.417	ng		96

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

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