Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040120.D
Acq On : 25 Mar 2019 16:52
Operator : JU/SJ
Sample : PB118239BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118239BS

Manual Integrations APPROVED
Sohil
3/26/2019 6:22:32 PM

Quant Time: Mar 26 03:48:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44673	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	188118	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	132788	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	334048	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	329666	20.00	ng		-0.03
87) Perylene-d12	25.16	264	326741	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	383241	146.36	ng		-0.02
7) Phenol-d6	7.30	99	550774	141.06	ng		-0.02
23) Nitrobenzene-d5	9.32	82	324117	93.18	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	235761	152.33	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	813556	87.23	ng		-0.02
79) Terphenyl-d14	20.11	244	1309837	87.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	36370	30.085	ng		94
3) Pyridine	3.98	79	101372	31.322	ng		96
4) n-Nitrosodimethylamine	3.90	42	59651	38.851	ng		84
6) Aniline	7.47	93	149363	29.199	ng		96
8) 2-Chlorophenol	7.70	128	131703	41.458	ng		93
9) Benzaldehyde	7.28	77	64686	25.683	ng		98
10) Phenol	7.32	94	177849	42.047	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	121772	36.925	ng		97
12) 1,3-Dichlorobenzene	8.02	146	137197	38.186	ng		99
13) 1,4-Dichlorobenzene	8.18	146	140912	38.504	ng		99
14) 1,2-Dichlorobenzene	8.49	146	135303	38.265	ng		98
15) Benzyl Alcohol	8.38	79	124215	40.106	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	232557	35.259	ng		96
17) 2-Methylphenol	8.58	107	114318	42.386	ng		98
18) Hexachloroethane	9.22	117	50757	38.653	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	102454	36.456	ng		92
20) 3+4-Methylphenols	8.91	107	158557	42.318	ng		98
22) Acetophenone	8.97	105	200255	39.662	ng	#	94
24) Nitrobenzene	9.36	77	154729	42.404	ng		95
25) Isophorone	9.88	82	291513	39.999	ng		97
26) 2-Nitrophenol	10.07	139	78340	44.466	ng		96
27) 2,4-Dimethylphenol	10.12	122	134106	48.943	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	176776	39.914	ng		95
29) 2,4-Dichlorophenol	10.60	162	146964	47.638	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	147992	42.632	ng		99
31) Naphthalene	11.01	128	412537	41.419	ng		99
32) Benzoic acid	10.27	122	70765	39.042	ng		97
33) 4-Chloroaniline	11.13	127	66984	15.860	ng		96
34) Hexachlorobutadiene	11.27	225	95467	40.245	ng		95
35) Caprolactam	11.91	113	52274m	44.358	ng		
36) 4-Chloro-3-methylphenol	12.23	107	160268	45.320	ng		97
37) 2-Methylnaphthalene	12.61	142	320064	42.982	ng		97
38) 1-Methylnaphthalene	12.82	142	305781	42.255	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	181767	40.406	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	224583	93.158	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	125262	47.562	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	134847	45.424	ng		98
46) 1,1'-Biphenyl	13.61	154	433181	39.663	ng		99
47) 2-Chloronaphthalene	13.65	162	341168	41.523	ng		100
48) 2-Nitroaniline	13.86	65	118223	44.774	ng		90
49) Acenaphthylene	14.50	152	551805	40.911	ng		99
50) Dimethylphthalate	14.22	163	471632	42.476	ng		100
51) 2,6-Dinitrotoluene	14.35	165	105882	44.981	ng		97
52) Acenaphthene	14.83	154	336017	41.392	ng		98
53) 3-Nitroaniline	14.69	138	59983	25.350	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	121706	81.856	ng		100
55) Dibenzofuran	15.17	168	564278	42.366	ng		98
56) 4-Nitrophenol	14.99	139	175580	82.949	ng		90
57) 2,4-Dinitrotoluene	15.13	165	156416	47.291	ng	#	86
58) Fluorene	15.81	166	448384	42.823	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	142592	49.183	ng		97
60) Diethylphthalate	15.57	149	486720	44.280	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	241848	43.285	ng		99
62) 4-Nitroaniline	15.85	138	111721	43.552	ng		93
63) Azobenzene	16.09	77	423180	42.472	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	95665	48.435	ng		97
66) n-Nitrosodiphenylamine	16.01	169	419968	43.427	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	162550	43.473	ng		94
68) Hexachlorobenzene	16.81	284	169407	43.708	ng		95
69) Atrazine	16.95	200	159315	41.858	ng		98
70) Pentachlorophenol	17.16	266	215761	88.145	ng		99
71) Phenanthrene	17.56	178	763673	41.504	ng		98
72) Anthracene	17.65	178	769324	42.906	ng		98
73) Carbazole	17.92	167	674249	41.712	ng		98
74) Di-n-butylphthalate	18.45	149	818159	43.019	ng		99
75) Fluoranthene	19.56	202	912831	41.978	ng		99
77) Benzidine	19.74	184	281097	26.870	ng		99
78) Pyrene	19.92	202	908982	42.432	ng		99
80) Butylbenzylphthalate	20.78	149	377435	45.477	ng		95
81) Benzo(a)anthracene	21.78	228	886222	42.893	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	193279	25.623	ng		99
83) Chrysene	21.85	228	824849	41.180	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	519561	44.549	ng		98
85) Di-n-octyl phthalate	22.89	149	889666	46.071	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.03	276	1000055	44.010	ng	#	95
88) Benzo(b)fluoranthene	24.09	252	880701	45.201	ng		99
89) Benzo(k)fluoranthene	24.16	252	836099	46.099	ng		98
90) Benzo(a)pyrene	25.01	252	847962	47.097	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	807728	45.761	ng		97
92) Benzo(g,h,i)perylene	30.24	276	828355	46.728	ng		98

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

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