Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039277.D
Acq On : 25 Jan 2019 14:04
Operator : JU/SJ
Sample : PB116607BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116607BS

Manual Integrations APPROVED
mohammad
1/29/2019 12:25:44 AM

Quant Time: Jan 25 15:58:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 14:28:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14985	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	61236	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	44857	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	122676	20.00	ng		0.00
76) Chrysene-d12	21.67	240	132352	20.00	ng		0.00
87) Perylene-d12	24.93	264	135790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	164697	208.49	ng		0.00
7) Phenol-d6	7.17	99	157000	138.10	ng		0.00
23) Nitrobenzene-d5	9.19	82	92485	82.64	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	103356	137.45	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	255830	78.05	ng		0.00
79) Terphenyl-d14	20.00	244	579202	80.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	12270	39.665	ng		89
3) Pyridine	3.84	79	33520	39.878	ng		99
4) n-Nitrosodimethylamine	3.76	42	22262	58.857	ng		90
6) Aniline	7.34	93	46397	33.983	ng		98
8) 2-Chlorophenol	7.56	128	42446	45.583	ng		97
9) Benzaldehyde	7.15	77	9579	14.611	ng		95
10) Phenol	7.20	94	52337	45.919	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	34239	39.305	ng		98
12) 1,3-Dichlorobenzene	7.89	146	42962	38.508	ng		98
13) 1,4-Dichlorobenzene	8.04	146	44240	39.154	ng		95
14) 1,2-Dichlorobenzene	8.36	146	43566	40.439	ng		94
15) Benzyl Alcohol	8.25	79	36760	42.938	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	69715	41.737	ng		97
17) 2-Methylphenol	8.45	107	36017	45.510	ng		96
18) Hexachloroethane	9.08	117	15640	40.743	ng		99
19) n-Nitroso-di-n-propylamine	8.81	70	28812	38.595	ng		96
20) 3+4-Methylphenols	8.78	107	49470	43.842	ng		96
22) Acetophenone	8.84	105	60332	37.727	ng	#	98
24) Nitrobenzene	9.23	77	45536	40.257	ng		96
25) Isophorone	9.74	82	84790	43.985	ng		98
26) 2-Nitrophenol	9.94	139	24751	40.454	ng		97
27) 2,4-Dimethylphenol	9.99	122	42775	49.694	ng		90
28) bis(2-Chloroethoxy)methane	10.22	93	48805	42.126	ng		99
29) 2,4-Dichlorophenol	10.47	162	49598	46.381	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	52885	41.160	ng		96
31) Naphthalene	10.87	128	131231	42.729	ng		99
32) Benzoic acid	10.17	122	8664	22.592	ng	#	85
33) 4-Chloroaniline	11.00	127	36805	26.782	ng		98
34) Hexachlorobutadiene	11.13	225	35120	39.724	ng		94
35) Caprolactam	11.78	113	16114m	37.579	ng		
36) 4-Chloro-3-methylphenol	12.11	107	49558	43.330	ng		91
37) 2-Methylnaphthalene	12.48	142	101967	44.283	ng		100
38) 1-Methylnaphthalene	12.69	142	95912	43.396	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	66349	39.385	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	74241	78.373	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	43326	40.863	ng		96
44) 2,4,5-Trichlorophenol	13.16	196	47787	42.643	ng		95
46) 1,1'-Biphenyl	13.48	154	136775	38.481	ng		99
47) 2-Chloronaphthalene	13.53	162	111939	38.918	ng		97
48) 2-Nitroaniline	13.75	65	33586	41.680	ng		99
49) Acenaphthylene	14.37	152	182539	42.223	ng		96
50) Dimethylphthalate	14.10	163	154272	40.698	ng		99
51) 2,6-Dinitrotoluene	14.23	165	35269	41.616	ng		99
52) Acenaphthene	14.71	154	103421	39.816	ng		96
53) 3-Nitroaniline	14.57	138	25707	29.902	ng		93
54) 2,4-Dinitrophenol	14.79	184	43056	84.641	ng		97
55) Dibenzofuran	15.04	168	181769	39.622	ng		99
56) 4-Nitrophenol	14.89	139	53421	86.359	ng		98
57) 2,4-Dinitrotoluene	15.03	165	50709	41.706	ng	#	97
58) Fluorene	15.70	166	170486	49.372	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	45816	43.311	ng		98
60) Diethylphthalate	15.46	149	169340	43.359	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	97883	44.994	ng		97
62) 4-Nitroaniline	15.74	138	41815	46.689	ng		99
63) Azobenzene	15.98	77	125129	40.970	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	37295	41.035	ng		98
66) n-Nitrosodiphenylamine	15.90	169	145525	40.015	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	59384	37.658	ng		96
68) Hexachlorobenzene	16.69	284	64041	37.217	ng		98
69) Atrazine	16.85	200	59870	38.752	ng		95
70) Pentachlorophenol	17.05	266	59464	57.676	ng		95
71) Phenanthrene	17.44	178	273415	42.166	ng		99
72) Anthracene	17.54	178	277009	43.207	ng		98
73) Carbazole	17.81	167	247331	39.079	ng		99
74) Di-n-butylphthalate	18.33	149	288631	40.994	ng		99
75) Fluoranthene	19.45	202	391941	48.758	ng		100
77) Benzidine	19.64	184	146475	36.183	ng		100
78) Pyrene	19.81	202	369911	43.856	ng		98
80) Butylbenzylphthalate	20.68	149	130402	40.649	ng		97
81) Benzo(a)anthracene	21.65	228	348731	43.283	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	95566	29.112	ng		97
83) Chrysene	21.72	228	324352	42.328	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	183840	41.272	ng		97
85) Di-n-octyl phthalate	22.72	149	314868	41.804	ng		99
86) Indeno(1,2,3-cd)pyrene	28.67	276	407094	44.460	ng		99
88) Benzo(b)fluoranthene	23.89	252	355563	47.488	ng		99
89) Benzo(k)fluoranthene	23.96	252	334690	45.210	ng		98
90) Benzo(a)pyrene	24.77	252	341858	47.236	ng		98
91) Dibenzo(a,h)anthracene	28.73	278	338415	47.011	ng		98
92) Benzo(g,h,i)perylene	29.84	276	337499	47.358	ng		98

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

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