Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043284.D
Acq On : 18 Oct 2019 20:40
Operator : JU
Sample : PB124106BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124106BS

Manual Integrations APPROVED
mohammad
10/20/2019 8:15:11 PM

Quant Time: Oct 19 01:39:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:52:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47968	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	178506	20.00	ng		-0.02
39) Acenaphthene-d10	14.66	164	128573	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	299008	20.00	ng		0.00
76) Chrysene-d12	21.68	240	320787	20.00	ng		0.00
87) Perylene-d12	24.90	264	374070	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	170757	63.53	ng		-0.02
7) Phenol-d6	7.22	99	162586	42.00	ng		-0.01
23) Nitrobenzene-d5	9.20	82	315718	85.97	ng		-0.02
42) 2,4,6-Tribromophenol	16.15	330	226973	102.66	ng		-0.01
45) 2-Fluorobiphenyl	13.29	172	844131	95.18	ng		-0.02
79) Terphenyl-d14	20.02	244	1548683	102.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	24126	21.529	ng		86
3) Pyridine	3.92	79	35614m	11.299	ng		
4) n-Nitrosodimethylamine	3.82	42	36785	24.269	ng	#	79
6) Aniline	7.36	93	76336	16.338	ng		95
8) 2-Chlorophenol	7.61	128	133716	47.703	ng		94
9) Benzaldehyde	7.17	77	72725	30.747	ng		91
10) Phenol	7.24	94	79737	22.453	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	113138	41.176	ng		91
12) 1,3-Dichlorobenzene	7.93	146	130622	36.529	ng		97
13) 1,4-Dichlorobenzene	8.07	146	130143	36.509	ng		95
14) 1,2-Dichlorobenzene	8.39	146	129407	38.131	ng		96
15) Benzyl Alcohol	8.28	79	101646	34.929	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	154729	29.323	ng		92
17) 2-Methylphenol	8.49	107	104731	42.148	ng		94
18) Hexachloroethane	9.12	117	45480	33.877	ng		91
19) n-Nitroso-di-n-propylamine	8.84	70	104890	41.269	ng		88
20) 3+4-Methylphenols	8.82	107	134929	39.624	ng		97
22) Acetophenone	8.86	105	206941	44.974	ng	#	95
24) Nitrobenzene	9.24	77	158171	45.152	ng		97
25) Isophorone	9.76	82	300168	46.530	ng		99
26) 2-Nitrophenol	9.96	139	79586	53.368	ng		99
27) 2,4-Dimethylphenol	10.02	122	129498	56.546	ng		99
28) bis(2-Chloroethoxy)methane	10.24	93	162501	44.398	ng		96
29) 2,4-Dichlorophenol	10.50	162	152165	53.424	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	146820	39.917	ng		96
31) Naphthalene	10.89	128	399116	45.420	ng		99
32) Benzoic acid	10.15	122	33000	21.777	ng		96
33) 4-Chloroaniline	11.01	127	28583	7.496	ng		92
34) Hexachlorobutadiene	11.18	225	97310	35.334	ng		99
35) Caprolactam	11.84	113	11850m	11.798	ng		
36) 4-Chloro-3-methylphenol	12.13	107	161364	52.106	ng		98
37) 2-Methylnaphthalene	12.49	142	311661	46.492	ng		95
38) 1-Methylnaphthalene	12.71	142	302510	47.691	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	201408	41.663	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	241962	78.555	ng		93
43) 2,4,6-Trichlorophenol	13.10	196	139944	49.459	ng		93
44) 2,4,5-Trichlorophenol	13.18	196	147194	50.498	ng		97
46) 1,1'-Biphenyl	13.50	154	431687	44.274	ng		98
47) 2-Chloronaphthalene	13.54	162	333614	45.637	ng		97
48) 2-Nitroaniline	13.75	65	101533	41.766	ng	#	80
49) Acenaphthylene	14.39	152	557039	49.799	ng		99
50) Dimethylphthalate	14.12	163	464574	48.225	ng		98
51) 2,6-Dinitrotoluene	14.23	165	105182	51.270	ng		92
52) Acenaphthene	14.73	154	331605	44.290	ng		99
53) 3-Nitroaniline	14.57	138	35251	16.627	ng		85
54) 2,4-Dinitrophenol	14.78	184	135678	106.398	ng		93
55) Dibenzofuran	15.06	168	539325	48.695	ng		99
56) 4-Nitrophenol	14.90	139	86836	53.755	ng		88
57) 2,4-Dinitrotoluene	15.03	165	147182	48.991	ng		96
58) Fluorene	15.71	166	456347	48.260	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	155138m	49.987	ng		
60) Diethylphthalate	15.48	149	458310	46.747	ng		97
61) 4-Chlorophenyl-phenylether	15.70	204	259698	45.794	ng		98
62) 4-Nitroaniline	15.74	138	91321	39.494	ng		96
63) Azobenzene	16.00	77	386849	43.340	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	98326	58.113	ng		93
66) n-Nitrosodiphenylamine	15.92	169	390438	49.464	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	185166	49.340	ng		99
68) Hexachlorobenzene	16.72	284	208531	49.905	ng		98
69) Atrazine	16.87	200	141588	42.597	ng		94
70) Pentachlorophenol	17.06	266	239011	99.129	ng		98
71) Phenanthrene	17.45	178	718105	49.193	ng		99
72) Anthracene	17.54	178	741594	50.888	ng		99
73) Carbazole	17.82	167	655252	48.487	ng		99
74) Di-n-butylphthalate	18.36	149	785442	48.713	ng		99
75) Fluoranthene	19.46	202	945438	48.966	ng		98
77) Benzidine	19.67	184	51007	6.350	ng		97
78) Pyrene	19.82	202	949580	49.595	ng		98
80) Butylbenzylphthalate	20.70	149	352040	48.440	ng		96
81) Benzo(a)anthracene	21.66	228	963154	48.187	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	126395	16.123	ng		99
83) Chrysene	21.72	228	947800	48.864	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	525513	50.817	ng		99
85) Di-n-octyl phthalate	22.77	149	895830	52.976	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.56	276	1252470	51.868	ng	#	98
88) Benzo(b)fluoranthene	23.87	252	1051159	49.663	ng		99
89) Benzo(k)fluoranthene	23.94	252	1010951	48.281	ng		98
90) Benzo(a)pyrene	24.74	252	958553	48.002	ng		99
91) Dibenzo(a,h)anthracene	28.62	278	1065802	52.049	ng		97
92) Benzo(g,h,i)perylene	29.70	276	1046832	52.763	ng		98

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

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