Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045673.D
Acq On : 9 Jun 2020 23:54
Operator : CG/JU
Sample : PB129440BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 10 02:33:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB129440BS

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	71533	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	282704	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	204940	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	467722	20.00	ng		0.00
76) Chrysene-d12	21.60	240	429894	20.00	ng		0.00
87) Perylene-d12	24.74	264	468158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	411110	112.32	ng		0.00
7) Phenol-d6	7.15	99	578174	110.98	ng		0.00
23) Nitrobenzene-d5	9.11	82	369122	71.20	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	261576	99.80	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	829374	68.64	ng		0.00
79) Terphenyl-d14	19.96	244	1339960	72.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	57202	31.51	ng		92
3) Pyridine	3.81	79	127139	25.15	ng		97
4) n-Nitrosodimethylamine	3.72	42	59715	36.10	ng		92
6) Aniline	7.28	93	177819	26.15	ng		99
8) 2-Chlorophenol	7.53	128	148982	37.12	ng		99
9) Benzaldehyde	7.08	77	93061	27.42	ng		96
10) Phenol	7.17	94	199496	37.15	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	136466	32.58	ng		100
12) 1,3-Dichlorobenzene	7.84	146	162908	33.77	ng		96
13) 1,4-Dichlorobenzene	7.98	146	161083	33.84	ng		100
14) 1,2-Dichlorobenzene	8.31	146	155125	33.88	ng		99
15) Benzyl Alcohol	8.20	79	156814	36.44	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	128182	32.24	ng		98
17) 2-Methylphenol	8.42	107	133869	33.31	ng		97
18) Hexachloroethane	9.03	117	63719	34.95	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	125582	34.86	ng		97
20) 3+4-Methylphenols	8.75	107	183619	33.55	ng		92
22) Acetophenone	8.77	105	227283	33.92	ng	#	95
24) Nitrobenzene	9.15	77	188531	33.94	ng		97
25) Isophorone	9.68	82	344446	33.74	ng		97
26) 2-Nitrophenol	9.87	139	83860	35.29	ng		90
27) 2,4-Dimethylphenol	9.95	122	142857	40.54	ng		94
28) bis(2-Chloroethoxy)methane	10.16	93	194108	36.25	ng		97
29) 2,4-Dichlorophenol	10.42	162	154870	37.21	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	168683	34.30	ng		97
31) Naphthalene	10.81	128	456038	34.62	ng		100
32) Benzoic acid	10.12	122	60515	30.00	ng		97
33) 4-Chloroaniline	10.92	127	109257	19.84	ng		95
34) Hexachlorobutadiene	11.10	225	116682	33.57	ng		97
35) Caprolactam	11.70	113	52736	34.52	ng		87
36) 4-Chloro-3-methylphenol	12.07	107	176815	37.71	ng		96
37) 2-Methylnaphthalene	12.42	142	349409	35.59	ng		97
38) 1-Methylnaphthalene	12.64	142	327420m	35.30	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	198615	34.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	227391	68.82	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	135711	34.13	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	140376	30.89	ng		97
46) 1,1'-Biphenyl	13.42	154	443791	35.24	ng		99
47) 2-Chloronaphthalene	13.47	162	344229	33.66	ng		99
48) 2-Nitroaniline	13.68	65	109900	32.67	ng		92
49) Acenaphthylene	14.32	152	563494	34.31	ng		100
50) Dimethylphthalate	14.05	163	464177	33.02	ng		99
51) 2,6-Dinitrotoluene	14.17	165	104324	32.89	ng		99
52) Acenaphthene	14.66	154	390701m	35.54	ng		
53) 3-Nitroaniline	14.50	138	75555	23.43	ng		94
54) 2,4-Dinitrophenol	14.72	184	86692	44.33	ng		96
55) Dibenzofuran	14.99	168	550917	33.74	ng		97
56) 4-Nitrophenol	14.85	139	133109	54.52	ng		91
57) 2,4-Dinitrotoluene	14.96	165	147369	32.08	ng		96
58) Fluorene	15.64	166	450484	33.58	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	129125	32.30	ng		98
60) Diethylphthalate	15.41	149	472063	32.26	ng		97
61) 4-Chlorophenyl-phenylether	15.63	204	251611	32.78	ng		97
62) 4-Nitroaniline	15.67	138	102019	30.30	ng		99
63) Azobenzene	15.93	77	457371	33.52	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	82882	30.43	ng		97
66) n-Nitrosodiphenylamine	15.85	169	403101	35.90	ng		95
67) 4-Bromophenyl-phenylether	16.53	248	174000	34.36	ng		96
68) Hexachlorobenzene	16.65	284	192224	36.29	ng		96
69) Atrazine	16.81	200	150222	32.48	ng		99
70) Pentachlorophenol	17.01	266	149318	54.29	ng		98
71) Phenanthrene	17.38	178	717360	35.13	ng		99
72) Anthracene	17.48	178	737235	35.95	ng		98
73) Carbazole	17.75	167	657722	32.91	ng		98
74) Di-n-butylphthalate	18.30	149	790412	32.95	ng		100
75) Fluoranthene	19.40	202	878083	33.81	ng		99
77) Benzidine	19.57	184	395992	32.80	ng		99
78) Pyrene	19.76	202	866241	35.35	ng		100
80) Butylbenzylphthalate	20.64	149	345113	32.63	ng		98
81) Benzo(a)anthracene	21.58	228	838133	35.00	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	237691	25.30	ng		97
83) Chrysene	21.65	228	794758	34.51	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	482075	33.15	ng		99
85) Di-n-octyl phthalate	22.68	149	808636	32.38	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	990678	32.90	ng	#	97
88) Benzo(b)fluoranthene	23.76	252	876529	34.91	ng		100
89) Benzo(k)fluoranthene	23.82	252	845708	35.85	ng		99
90) Benzo(a)pyrene	24.60	252	802598	34.32	ng		99
91) Dibenzo(a,h)anthracene	28.37	278	816685	34.76	ng		99
92) Benzo(g,h,i)perylene	29.44	276	794004	33.79	ng		98

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

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