Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044360.D
Acq On : 10 Feb 2020 17:21
Operator : CG/JU
Sample : PB126691BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:36 AM

Quant Time: Feb 11 02:56:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	61544	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	270584	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	186989	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	459625	20.00	ng	0.00
76) Chrysene-d12	21.53	240	457635	20.00	ng	0.00
87) Perylene-d12	24.62	264	491817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	490604	140.69	ng	0.00
7) Phenol-d6	7.08	99	652386	139.31	ng	0.00
23) Nitrobenzene-d5	9.06	82	383419	80.00	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	307261	139.97	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	938655	84.06	ng	0.00
79) Terphenyl-d14	19.90	244	1766386	79.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	52630	33.591	ng	97
3) Pyridine	3.76	79	136099	32.604	ng	99
4) n-Nitrosodimethylamine	3.67	42	72550	41.592	ng	99
6) Aniline	7.22	93	220035	37.855	ng	100
8) 2-Chlorophenol	7.47	128	195786	51.085	ng	98
9) Benzaldehyde	7.04	77	79274	29.724	ng	98
10) Phenol	7.10	94	239132	51.599	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	171569	43.302	ng	98
12) 1,3-Dichlorobenzene	7.79	146	192203	42.003	ng	98
13) 1,4-Dichlorobenzene	7.94	146	192734	42.526	ng	99
14) 1,2-Dichlorobenzene	8.26	146	185722	43.354	ng	98
15) Benzyl Alcohol	8.14	79	159859	48.218	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	226452	42.228	ng	99
17) 2-Methylphenol	8.35	107	167990	50.805	ng	99
18) Hexachloroethane	8.99	117	70133	41.237	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	137728	44.131	ng	98
20) 3+4-Methylphenols	8.68	107	232549	51.032	ng	98
22) Acetophenone	8.72	105	267519	40.641	ng	98
24) Nitrobenzene	9.10	77	198401	42.403	ng	99
25) Isophorone	9.63	82	394578	44.170	ng	99
26) 2-Nitrophenol	9.82	139	108246	44.585	ng	99
27) 2,4-Dimethylphenol	9.88	122	192317	56.115	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	251864	42.264	ng	98
29) 2,4-Dichlorophenol	10.36	162	200868	48.472	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	194318	40.894	ng	100
31) Naphthalene	10.76	128	578823	44.091	ng	99
32) Benzoic acid	10.03	122	64861	34.421	ng	90
33) 4-Chloroaniline	10.86	127	129037	21.612	ng	98
34) Hexachlorobutadiene	11.05	225	112661	38.531	ng	99
35) Caprolactam	11.63	113	82241m	54.176	ng	
36) 4-Chloro-3-methylphenol	12.00	107	216893	49.920	ng	99
37) 2-Methylnaphthalene	12.37	142	443500	45.500	ng	97
38) 1-Methylnaphthalene	12.58	142	423282	46.061	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	218917	39.138	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	266976	99.473 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	164305	45.445 ng	98
44) 2,4,5-Trichlorophenol	13.05	196	177967	48.192 ng	98
46) 1,1'-Biphenyl	13.38	154	573959	42.554 ng	99
47) 2-Chloronaphthalene	13.42	162	449345	41.866 ng	99
48) 2-Nitroaniline	13.62	65	137878	43.529 ng	95
49) Acenaphthylene	14.26	152	730532	46.406 ng	98
50) Dimethylphthalate	14.00	163	619728	46.106 ng	100
51) 2,6-Dinitrotoluene	14.11	165	140884	47.009 ng	99
52) Acenaphthene	14.60	154	449097	44.013 ng	99
53) 3-Nitroaniline	14.44	138	93617	28.235 ng	99
54) 2,4-Dinitrophenol	14.65	184	162267	90.291 ng	98
55) Dibenzofuran	14.94	168	713331	46.174 ng	99
56) 4-Nitrophenol	14.76	139	283166	116.589 ng	99
57) 2,4-Dinitrotoluene	14.90	165	206186	49.086 ng	97
58) Fluorene	15.59	166	574404	47.206 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	165798	49.706 ng	99
60) Diethylphthalate	15.37	149	640216	47.801 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	300308	45.518 ng	99
62) 4-Nitroaniline	15.61	138	153340	46.282 ng	96
63) Azobenzene	15.88	77	559146	47.634 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	127542	50.270 ng	97
66) n-Nitrosodiphenylamine	15.80	169	552259	42.875 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	207009	41.339 ng	98
68) Hexachlorobenzene	16.60	284	228759	40.776 ng	99
69) Atrazine	16.75	200	228179	51.684 ng	99
70) Pentachlorophenol	16.94	266	265063	92.904 ng	99
71) Phenanthrene	17.33	178	998760	44.875 ng	99
72) Anthracene	17.42	178	1037453	47.148 ng	99
73) Carbazole	17.69	167	958566	47.254 ng	99
74) Di-n-butylphthalate	18.25	149	1182178	47.159 ng	100
75) Fluoranthene	19.34	202	1245983	48.394 ng	99
77) Benzidine	19.52	184	584096	46.015 ng	99
78) Pyrene	19.70	202	1250942	42.564 ng	99
80) Butylbenzylphthalate	20.59	149	545067	40.698 ng	99
81) Benzo(a)anthracene	21.51	228	1191419	42.242 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	318181	29.067 ng	99
83) Chrysene	21.58	228	1137647	41.730 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	761276	41.296 ng	100
85) Di-n-octyl phthalate	22.60	149	1335348	41.866 ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1482647	41.685 ng	99
88) Benzo(b)fluoranthene	23.65	252	1271421	44.863 ng	99
89) Benzo(k)fluoranthene	23.71	252	1244052	45.039 ng	99
90) Benzo(a)pyrene	24.47	252	1180089	44.041 ng	98
91) Dibenzo(a,h)anthracene	28.17	278	1219016	45.968 ng	98
92) Benzo(g,h,i)perylene	29.20	276	1242044	46.787 ng	99

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

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