Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044063.D
Acq On : 16 Jan 2020 11:11
Operator : JU
Sample : PB126101BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126101BS

Manual Integrations APPROVED
mohammad
1/17/2020 2:08:05 PM

Quant Time: Jan 17 06:49:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	101572	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	446961	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	293398	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	643313	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	565755	20.00	ng	-0.02
87) Perylene-d12	24.68	264	510757	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	700844	126.69	ng	-0.02
7) Phenol-d6	7.11	99	910903	117.80	ng	-0.01
23) Nitrobenzene-d5	9.10	82	559380	66.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	353505	115.14	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1215201	75.04	ng	-0.02
79) Terphenyl-d14	19.93	244	1846864	76.63	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	87018	36.077	ng	96
3) Pyridine	3.80	79	206980	29.048	ng	93
4) n-Nitrosodimethylamine	3.72	42	114853	36.204	ng	94
6) Aniline	7.27	93	282570	27.822	ng	97
8) 2-Chlorophenol	7.51	128	283110	43.594	ng	97
9) Benzaldehyde	7.07	77	88575	17.897	ng	97
10) Phenol	7.14	94	347735	43.647	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	265734	38.640	ng	98
12) 1,3-Dichlorobenzene	7.84	146	293430	38.611	ng	99
13) 1,4-Dichlorobenzene	7.98	146	295770	39.444	ng	99
14) 1,2-Dichlorobenzene	8.30	146	282914	39.308	ng	98
15) Benzyl Alcohol	8.18	79	233649	38.286	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	354269	33.297	ng	100
17) 2-Methylphenol	8.39	107	240637	41.738	ng	99
18) Hexachloroethane	9.03	117	111567	38.237	ng	97
19) n-Nitroso-di-n-propylamine	8.75	70	204409	35.497	ng	97
20) 3+4-Methylphenols	8.72	107	331065	41.163	ng	99
22) Acetophenone	8.76	105	386914	34.820	ng	100
24) Nitrobenzene	9.14	77	293614	35.482	ng	99
25) Isophorone	9.66	82	557771	35.584	ng	100
26) 2-Nitrophenol	9.85	139	161345	41.211	ng	94
27) 2,4-Dimethylphenol	9.92	122	266175	45.165	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	354763	33.948	ng	97
29) 2,4-Dichlorophenol	10.39	162	279534	39.765	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	286893	36.398	ng	97
31) Naphthalene	10.79	128	827995	38.282	ng	99
32) Benzoic acid	10.07	122	144704	32.480	ng	97
33) 4-Chloroaniline	10.90	127	228250	22.125	ng	98
34) Hexachlorobutadiene	11.09	225	166013	34.497	ng	97
35) Caprolactam	11.67	113	103796m	39.663	ng	
36) 4-Chloro-3-methylphenol	12.03	107	289158	38.639	ng	98
37) 2-Methylnaphthalene	12.40	142	621663	38.177	ng	95
38) 1-Methylnaphthalene	12.62	142	584807	37.893	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	297129	34.552	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	262217	58.815	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	221963	37.512	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	238248	39.039	ng	98
46) 1,1'-Biphenyl	13.41	154	769393	36.575	ng	99
47) 2-Chloronaphthalene	13.45	162	606095	35.656	ng	98
48) 2-Nitroaniline	13.65	65	183205	33.505	ng	92
49) Acenaphthylene	14.30	152	955890	39.124	ng	97
50) Dimethylphthalate	14.03	163	767537	36.843	ng	99
51) 2,6-Dinitrotoluene	14.15	165	179307	38.081	ng	92
52) Acenaphthene	14.64	154	611288	35.677	ng	97
53) 3-Nitroaniline	14.48	138	147069	27.505	ng	99
54) 2,4-Dinitrophenol	14.68	184	205779	85.387	ng	96
55) Dibenzofuran	14.97	168	921874	39.084	ng	99
56) 4-Nitrophenol	14.79	139	351858	85.872	ng	96
57) 2,4-Dinitrotoluene	14.93	165	250948	39.168	ng	99
58) Fluorene	15.63	166	723732	38.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	213426	40.670	ng	96
60) Diethylphthalate	15.40	149	778416	37.358	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	374421	36.884	ng	98
62) 4-Nitroaniline	15.64	138	185375	35.107	ng	95
63) Azobenzene	15.91	77	711087	36.799	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	152027	46.062	ng	98
66) n-Nitrosodiphenylamine	15.83	169	684149	36.113	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	244319	33.768	ng	100
68) Hexachlorobenzene	16.63	284	267806	34.351	ng	99
69) Atrazine	16.78	200	256246	41.612	ng	99
70) Pentachlorophenol	16.98	266	332762	77.428	ng	99
71) Phenanthrene	17.37	178	1168064	37.855	ng	98
72) Anthracene	17.45	178	1187215	38.931	ng	98
73) Carbazole	17.72	167	1126108	39.977	ng	97
74) Di-n-butylphthalate	18.29	149	1347890	37.478	ng	97
75) Fluoranthene	19.37	202	1383166	39.196	ng	97
77) Benzidine	19.55	184	356771	25.088	ng	98
78) Pyrene	19.73	202	1380429	37.381	ng	97
80) Butylbenzylphthalate	20.62	149	647503	36.828	ng	97
81) Benzo(a)anthracene	21.55	228	1341861	38.251	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	464874	33.542	ng	99
83) Chrysene	21.61	228	1278824	38.364	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	911858	37.588	ng	99
85) Di-n-octyl phthalate	22.65	149	1600745	39.250	ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1634043	36.071	ng	100
88) Benzo(b)fluoranthene	23.70	252	1467839	48.613	ng	98
89) Benzo(k)fluoranthene	23.76	252	1379563	48.046	ng	99
90) Benzo(a)pyrene	24.54	252	1308731	45.923	ng	99
91) Dibenzo(a,h)anthracene	28.28	278	1354624	47.330	ng	99
92) Benzo(g,h,i)perylene	29.32	276	1358942	47.800	ng	98

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

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