Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045205.D
Acq On : 29 Apr 2020 15:00
Operator : CG/JU
Sample : PB128538BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Manual Integrations APPROVED
mohammad
4/30/2020 1:37:44 PM

Quant Time: Apr 29 15:38:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	59412	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	239824	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182617	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	453144	20.00	ng	0.00
76) Chrysene-d12	21.64	240	426272	20.00	ng	0.00
87) Perylene-d12	24.82	264	476628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	325102	90.34	ng	0.00
7) Phenol-d6	7.16	99	459976	86.03	ng	0.00
23) Nitrobenzene-d5	9.15	82	420567	80.02	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	241983	85.77	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1028241	82.56	ng	0.00
79) Terphenyl-d14	19.99	244	1840519	94.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	53307	33.332	ng	97
3) Pyridine	3.84	79	155560	31.591	ng	96
4) n-Nitrosodimethylamine	3.75	42	59288	39.303	ng	93
6) Aniline	7.31	93	210900	30.338	ng	98
8) 2-Chlorophenol	7.56	128	180531	46.678	ng	98
9) Benzaldehyde	7.12	77	71077	19.192	ng	94
10) Phenol	7.18	94	240446	44.940	ng	98
11) bis(2-Chloroethyl)ether	7.40	93	163238	38.320	ng	99
12) 1,3-Dichlorobenzene	7.88	146	188021	41.256	ng	97
13) 1,4-Dichlorobenzene	8.03	146	188589	41.528	ng	98
14) 1,2-Dichlorobenzene	8.34	146	176113	40.537	ng	99
15) Benzyl Alcohol	8.23	79	174245	38.870	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	151964	36.341	ng	98
17) 2-Methylphenol	8.44	107	161907	39.221	ng	98
18) Hexachloroethane	9.08	117	73796	43.227	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	143715	38.008	ng	98
20) 3+4-Methylphenols	8.76	107	225353	39.001	ng	98
22) Acetophenone	8.81	105	266024	41.019	ng	97
24) Nitrobenzene	9.19	77	222129	41.230	ng	97
25) Isophorone	9.71	82	412666	38.339	ng	99
26) 2-Nitrophenol	9.91	139	103069	44.413	ng	98
27) 2,4-Dimethylphenol	9.97	122	168805	45.843	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	231172	40.877	ng	99
29) 2,4-Dichlorophenol	10.45	162	193810	45.583	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	203323	42.236	ng	95
31) Naphthalene	10.85	128	549392	41.876	ng	99
32) Benzoic acid	10.12	122	110935	38.715	ng	93
33) 4-Chloroaniline	10.95	127	119371	19.510	ng	96
34) Hexachlorobutadiene	11.15	225	139269	42.196	ng	96
35) Caprolactam	11.72	113	68299m	40.361	ng	
36) 4-Chloro-3-methylphenol	12.09	107	225300	45.107	ng	99
37) 2-Methylnaphthalene	12.46	142	430105	42.237	ng	96
38) 1-Methylnaphthalene	12.67	142	413031	42.964	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	241849	41.132	ng	99

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Quant Time: Apr 29 15:38:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	334974	91.150 ng	100
43) 2,4,6-Trichlorophenol	13.07	196	180498	43.496 ng	99
44) 2,4,5-Trichlorophenol	13.14	196	194643	41.207 ng	99
46) 1,1'-Biphenyl	13.47	154	556724	40.109 ng	99
47) 2-Chloronaphthalene	13.51	162	433269	40.852 ng	98
48) 2-Nitroaniline	13.70	65	144679	41.461 ng	97
49) Acenaphthylene	14.35	152	723580	41.885 ng	99
50) Dimethylphthalate	14.08	163	616429	41.456 ng	99
51) 2,6-Dinitrotoluene	14.20	165	140302	42.185 ng	96
52) Acenaphthene	14.70	154	565157m	48.352 ng	
53) 3-Nitroaniline	14.52	138	93055	25.511 ng	97
54) 2,4-Dinitrophenol	14.74	184	179862	90.946 ng	94
55) Dibenzofuran	15.03	168	716381	42.039 ng	98
56) 4-Nitrophenol	14.85	139	227588	80.468 ng	96
57) 2,4-Dinitrotoluene	14.99	165	201968	41.554 ng	98
58) Fluorene	15.68	166	600655	43.153 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	190871	45.414 ng	99
60) Diethylphthalate	15.45	149	638236	41.169 ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	329501	41.127 ng	98
62) 4-Nitroaniline	15.69	138	139605	36.899 ng	98
63) Azobenzene	15.96	77	604625	42.302 ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	132454	44.470 ng	98
66) n-Nitrosodiphenylamine	15.89	169	541979	41.628 ng	99
67) 4-Bromophenyl-phenylether	16.57	248	234476	40.109 ng	98
68) Hexachlorobenzene	16.69	284	255418	42.128 ng	99
69) Atrazine	16.84	200	226505	48.018 ng	95
70) Pentachlorophenol	17.03	266	315923	84.940 ng	98
71) Phenanthrene	17.42	178	990700	42.545 ng	99
72) Anthracene	17.51	178	1024077	43.842 ng	100
73) Carbazole	17.78	167	934234	39.413 ng	96
74) Di-n-butylphthalate	18.34	149	1130692	43.636 ng	99
75) Fluoranthene	19.43	202	1261218	46.252 ng	98
77) Benzidine	19.61	184	676715	56.306 ng	98
78) Pyrene	19.79	202	1238982	42.160 ng	98
80) Butylbenzylphthalate	20.68	149	506426	41.574 ng	99
81) Benzo(a)anthracene	21.63	228	1177099	42.605 ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	349259	31.760 ng	98
83) Chrysene	21.69	228	1151081	43.362 ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	718526	42.888 ng	100
85) Di-n-octyl phthalate	22.74	149	1234063	42.596 ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1550600	43.995 ng	98
88) Benzo(b)fluoranthene	23.82	252	1293189	43.315 ng	99
89) Benzo(k)fluoranthene	23.88	252	1261851	44.443 ng	99
90) Benzo(a)pyrene	24.67	252	1204152	42.718 ng	97
91) Dibenzo(a,h)anthracene	28.49	278	1259134	44.329 ng	98
92) Benzo(g,h,i)perylene	29.55	276	1255094	44.074 ng	98

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

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